2006

NOVA SCOTIA BUILDING CODE REGULATIONS

Made Under Section 4

of the

BUILDING CODE ACT

R.S.N.S., 1989, c. 46

2006

NOVA SCOTIA
Environment and Labour

September 1, 2006

Prescription

Prescription of the Nova Scotia Building Code Regulations made under Section 4 of the Building Code Act, R.S.N.S., 1989, c. 46.

I, Mark Parent, MLA, Minister of Environment and Labour for the Province of Nova Scotia do hereby prescribe the attached regulations pursuant to Section 4 of the Building Code Act, R.S.N.S. 1989, c.46. These regulations, except subsection 2.4.1.; shall come into force on and after September 1, 2006. Subsection 2.4.1., which establishes the qualifications of building officials, shall come into effect on and after September 1, 2008.

Dated at Halifax Regional Municipality, Province of Nova Scotia this 13th day of July, 2006.

original signed by
Honourable Mark Parent, Minister
Nova Scotia Environment and Labour

Building Code Website Information

The general building code information website address is:
http://www.gov.ns.ca/enla/buildingcode/

This site also includes:

- Rules of Procedure for a Hearing
- Application forms for a Hearing
- Links to the
  - Building Code Act
  - Building Code Regulations
  - List of municipal building inspectors
  - Canadian Code Centre
  - Standards Organizations
  - other Provinces and Territories

The Administration and Enforcement of these Regulations and The Building Code Act is the responsibility of the municipalities. Contact names and addresses are available on the internet: The address for a is:
http://www.gov.ns.ca/snsmr/muns/contact/grouped/BuildingInspectors.asp

Some municipalities now have applications available on the internet: To find a list and contact them the address is:
http://www.gov.ns.ca/snsmr/paal/Municipalities.asp

Building Code Regulation Information

The symbol **r** | is used to designate changes from the 2004 edition of the regulation.

Attention

Please take a few moments to fill out this form and return it so we can keep you updated on any amendments or errata to these Regulations. As well you will be added to our mailing list for any advisory notices that are issued by the Department on the Nova Scotia Building Code Regulations.

Any personal information collected on this form will only be used for this stated purpose. Personal information collected here is subject to the privacy provisions of the *NS Freedom of Information & Access to Privacy Act*.

The completed form may be mailed to:

Building Code Regulations
Nova Scotia Environment and Labour
PO Box 697
Halifax NS
B3J 2T8

fax to: 1-902-424-3239
e-mail to: rosstg@gov.ns.ca

please print

name

mailing address

city/town province postal code

street address(if different)

city/town province postal code

phone fax e-mail

Code Change Form

(only one proposed change on any one submission - duplicate as necessary - print single sided)
(Attach additional pages as necessary or use any other format as long as all the information indicated below is included.)

Mail to: Secretary
Nova Scotia Building Advisory Committee
PO Box 697
Halifax NS
B3J 2T8

fax to: 1-902-424-3239
e-mail to: rosstg@gov.ns.ca

please print

name

mailing address

city/town province postal code

street address(if different)

city/town province postal code

phone fax e-mail

Code Reference it is proposed to change (Article, Sentence, etc.)

Problem - Why should the existing provision be changed or, if proposing an addition to the Code, what is missing?:

Proposed Change/Addition - What wording for the change/addition do you think should be used in the Code?:

Justification/Explanation - How does proposed change/addition address the problem?:

Cost Implications - Will the change/addition entail any added costs? Will it provide benefits measurable in monetary terms?:

_____

_____

_____

Enforcement Implications - Can the proposed change/addition be enforced by the infrastructure available to enforce this Code? Will its enforcement require an increase in resources?:

_____

_____

_____

Other Comments:

_____

_____

_____

Attached Supporting Material: [Please attach supporting documentation or additional pages if required]

_____

_____

_____

Has this submission previously been made to the Canadian Code Centre for a change to the National Code? Yes ☐ ***No*** ☐ **If your answer is yes what was the outcome of that submission?** [Note: If a submission has been made to the Canadian Code Centre the NSBAC will review the outcome of that submission.

_____

_____

_____

Please note that the NS Building Advisory Committee may decide to forward a code change suggestion to the Canadian Commission on Building and Fire Codes for national review. Personal information collected on this form is used only for the purpose of consultation regarding code change suggestions. This personal information may be shared with other public bodies for the purpose of consultation. Any personal information collected is subject to the privacy provisions of the *NS Freedom of Information & Protection of Privacy Act*, and the federal *Access to Information Act*.

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PART 1
Repeals, Interpretation, Scope, Definitions and Administration

Section 1.1. Repeals, Adoption and Interpretation

1.1.1. Title, Repeals, and Effective Date

1.1.1.1. Title. These *regulations* may be cited as the Nova Scotia *Building Code Regulations*.

1.1.1.2. Repeals and Effective Date of *Regulations*.
(1) The Nova Scotia *Building Code Regulations* made by the Minister of Environment and Labour Housing and Municipal Affairs on the 4th day of December, 2003.(N.S. Reg. 209/2003) and came into force on and after January 1, 2004 together with these *regulations* including those contained in the Third and Fourth Revisions and Errata published June 2001 and April 2002 are hereby repealed on and after September 1, 2006.

(2) (a)These Nova Scotia *Building Code Regulations* made by the Minister of Environment and Labour, except subsection 2.4.1., shall come into force on and after September 1, 2006, and
(b) Subsection 2.4.1., which establishes the qualification of building officials, shall come into effect on and after September 1, 2008.

1.1.2. Adoption

1.1.2.1. Nova Scotia *Building Code*.
(1) (a) These Nova Scotia *Building Code Regulations* made by the Minister of Environment and Labour except subsection 2.4.1., shall come into force on and after September 1, 2006, and
(b) Subsection 2.4.1., which establishes the qualification of building officials, shall come into effect on and after September 1, 2008.

(2) These regulations adopt the National Building Code of Canada, 2005 which together with the regulations shall be known as the "Nova Scotia Building Code" and may be referred to as the "Code".

1.1.3. Interpretation

1.1.3.1. Numbering System

(1) These *regulations* have been prepared following the same decimal numbering system as used in the *Code*.

(2) The first number indicates the Part of the *regulations*; the second, the Section in the Part; the third, the Subsection and the fourth, the Article in the Subsection. An Article may be further broken down into Sentences (indicated by numbers in brackets), and the Sentence further divided into Clauses and Subclauses. They are illustrated as follows:

A	Division
A-3	Part
A-3.5	Section
A-3.5.2.	Subsection
A-3.5.2.1.	Article
A-3.5.2.1.(2)	Sentence
A-3.5.2.1.(2)(a)	Clause
A-3.5.2.1.(2)(a)(i)	Subclause

1.1.3.2. Schedules. The Schedules "A" through "A-9" inclusive, "B","C" and "D" form part of these *regulations*.

1.1.4. Nova Scotia Building Advisory Committee

1.1.4.1. Appointment of Nova Scotia Building Advisory Committee

(1) The Minister may appoint to the Committee such number of members as the Minister determines, for such terms as may be specified in the appointments.

(2) The Committee shall include

(a) a representative of municipal government appointed from among persons nominated by the Executive of the Union of Nova Scotia Municipalities;

(b) a representative of the Fire Marshal for the Province;

(c) a representative appointed from among persons nominated by the Disabled Persons Commission;

(d) a representative appointed from among persons nominated by the Executive of the Association of Professional Engineers of Nova Scotia;

(e) a representative appointed from among persons nominated by the Executive of the Nova Scotia Association of Architects;

(f) a representative appointed from among persons nominated by the Executive of the Nova Scotia Home Designers Association;

(g) a representative appointed from among persons nominated by the Executive of Association of Interior Designers of Nova Scotia;

(h) a representative appointed from among persons nominated by the Executive of the Nova Scotia Home Builders Association;
(i) a representative appointed from among persons nominated by the Executive of the Construction Association of Nova Scotia;
(j) a representative appointed from among persons nominated by the Executive of the Nova Scotia Building Officials Association;
(k) a representative appointed from among persons nominated by the Executive of the Atlantic Provinces Building Supply Dealers Association, who shall be a resident of Nova Scotia;
(l) a representative appointed from among persons nominated by the Executive of the NS & PEI Regional Council of Carpenters, Millwrights & Allied Workers, who shall be a resident of Nova Scotia, and
(m) up to 3 additional members, as selected by the Minister.

r

Section 1.2 Scope and Application

1.2.1. Application

1.2.1.1. Scope

(1) These *regulations* apply to the administration and enforcement of the *Building Code Act* in the design, construction, erection, placement and *occupancy* of new *buildings*, and the *alteration*, reconstruction, *demolition*, removal, relocation, *occupancy* and change of *occupancy* classification of existing *buildings* and to the work necessary to correct *unsafe conditions* in existing *buildings* reported to the *authority having jurisdiction* or observed during an inspection.

(2) Any construction or condition that lawfully existed prior to the effective date of these regulations need not conform to these regulations provided that such construction or condition does not constitute an unsafe condition in the opinion of the authority having jurisdiction.

(3) Construction pursuant to a building permit in effect prior to April 30, 1997, and still in effect, need not conform to these regulations provided that such construction conforms to the regulations in force on the date that the building permit was issued.

(4) Where a *building* or any part thereof is altered, these *regulations* apply to the parts of the *building* that are altered.

(5) Where the whole or any part of a *building* is relocated either within or into the area of jurisdiction of the *authority having jurisdiction* these *regulations* apply only to the parts of the *building* that are being altered or *constructed*.

(6) When the whole or any part of a *building* is demolished, these *regulations* apply to the work involved in the *demolition* and to the work required to any parts remaining after *demolition* to the extent that deficiencies occurring or remaining after *demolition* require correction.

(7) When a *building* is damaged by fire, earthquake or other cause, these *regulations* apply to the work necessary to reconstruct damaged portions of the *building*.

(8) "Alternate Compliance Methods for Existing *Buildings*, contained in Schedule D" of these *regulations*, or a combination of the "Alternate Compliance Methods for Existing *Buildings*", and the *Code*, may be used where a *building* existed prior to March 13, 1987:

(a) where an existing *building* is undergoing *construction* other than for a change of use, or

(b) where an existing *building* is undergoing *construction*, and where a change of *occupancy* classification results in an *occupancy* with a reduced fire hazard risk.

(9) When a *heritage building* or part thereof is undergoing a change in *occupancy* classification the *owner* may choose the "Alternate Compliance Methods for Existing *Buildings*", contained in Schedule "D" of these *regulations*, or a combination of the "Alternate Compliance Methods for Existing *Buildings*", and the *Code*.

(10) In a *Heritage Conservation District* any *building* undergoing a change in *occupancy* classification the *owner* may choose the "Alternate Compliance Methods for Existing *Buildings*",contained in Schedule "D" of these *regulations*, or a combination the "Alternate Compliance Methods for Existing *Buildings*", and the *Code*.

1.2.1.2. Exemptions

(1) The *Code* does not apply to;

(a) sewerage, water, electrical, telephone, rail or similar systems located above, below or on an area which has been dedicated or deeded for public use,

(b) public utility towers and poles, television and radio or other communication aerials and towers, except for loads resulting from those located on or attached to *buildings*,

(c) flood control, dams for public water supply, hydroelectric dams and their related structures (not excluding *buildings*).

(d) mechanical or other equipment and *appliances* not specifically regulated by the *Code*,

(e) above ground or below ground bulk storage tanks not regulated under Part 6 of the Code, or the National Farm Building Code of Canada, r
(f) free-standing signs,
(g) fences,
(h) retaining walls or exterior steps not attached to, and forming part of, a *building's* construction, or
(i) modular homes and mobile homes built to CAN/CSA -A277-M-01, "Procedure for Certification of Factory Built Homes", or CSA Z240 MH Series Standard "Mobile Homes", except for the inspections required by Subclause 2.1.1.11.(b).

(2) Unless a municipality otherwise requires by by-law, or where *regulations* are in another enactment, the *Code* applies but a *building permit* is not required for
(a) accessory *buildings* not greater than 20 square metres (215.2 square feet) in area,
(b) except under Clause 1.2.1.2.(2)(c), interior and exterior non-structural material *alterations* and material repairs with a monetary value of five thousand dollars or less.
(c) replacement or installation of a new plumbing *fixture* that does not increase the hydraulic load of the drainage system or require alterations to an existing water distribution system or drainage system. r

Section 1.3 Definitions of Words and Phrases

1.3.1. Definitions

1.3.1.1. General. Definitions contained in Section 2 of the *Building Code Act*, also apply in these *regulations*.

1.3.1.2. Italicized Words. The words and phrases defined in Article 1.1.3.2. of the *Code* identified in these *regulations* in italics, also apply in these *regulations* unless otherwise defined.

1.3.1.3. Specific Definitions. In these *regulations* the following definitions apply:

"Architect" means a member licensed to practice or licensee of the Nova Scotia Association of Architects.

"Building Code Act" or "Act" means Chapter 46 of the Revised Statutes of Nova Scotia, 1989, the *Building Code Act*.

r "Building Official" means a person appointed as an inspector pursuant to Section 5 of the Act.

r "Camping accommodation" means the same as defined *Tourist Accommodations Act.*

"Care facility" means the *occupancy* or use of a *building* or part thereof by persons who require special care or treatment because of cognitive or physical limitations.

"Code" means the Nova Scotia *Building Code.*

"Construct" means to do anything in the erection, installation, extension, relocation, material *alteration* or material repair of a *building* and includes the installation of a factory-made *building* fabricated or moved from elsewhere.

"Demolition" means the doing of anything in the removal of a *building* or any material part thereof.

"Field Review of Construction" means, and is limited to, the inspection of the construction work at intervals appropriate to the stage of construction, at the project site and where applicable at the fabrication location where *building* components are fabricated for use at the project site, that the *designer* in their professional discretion consider necessary to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto. "*Field Review of Construction*" does not include the coordination, quality and performance of construction.

r "Roofed accommodation" means the same as defined by the *Tourist Accommodations Act.*

"Heritage *Building*" means a registered heritage property, registered under the Heritage Property Act by the Province or by a municipality.
"Heritage Conservation District" means a heritage conservation district designated by the municipality in accordance with the Heritage Property Act.

r "Interior Designer" means a member licensed to practice or a licensee of the Association of Interior Designers of Nova Scotia.

"Mobile home" means a transportable, single or multiple section *dwelling*

unit certified by Canadian Standards Association prior to placement on the site as complying with the CAN/CSA-Z240 Series "Mobile Homes" at the time of manufacture.

"Modular home" means a finished section or sections of a complete *dwelling unit* built in a factory for transport to the site for installation certified by Canadian Standards Association prior to placement on the site as complying with the CSA Standard A277-M-01 "Procedures for Certification of Factory Built Houses".

"National *Building Code* of Canada, 2005" means the National *Building Code* of Canada, 2005 as issued by the Canadian Commission on Building and Fire *Codes*, National Research Council of Canada, NRCC No. 38726 ?, including all revisions and errata and corrections to errata made by that body on or before the date these *regulations* come into force.

"Owner" includes a person controlling the property under consideration, and also prima facie the assessed *owner* of the property whose name appears on the assessment role prepared in accordance with the Assessment Act.

"Professional Engineer" means a member or licensee of the Association of Professional Engineers of Nova Scotia.

"Work" means any construction duty or function regulated by these *regulations*, carried out on or about a construction site or on, in, or about a *building* or part thereof.

Section 1.4 Administration

1.4.1. *Permits*

1.4.1.1. General

(1) A *permit* is required if work regulated by the *Code* is to be done.

(2) The *authority having jurisdiction* may place a value on the cost of the work based on an accepted costing standard for the purpose of determining *permit* fees to be applicable.

(3) The *authority having jurisdiction* may, if applicable, withhold an *building permit* until satisfied that there is a valid on-site sewage disposal system *permit* issued by the Department of the Environment for the construction of a *building* requiring a new *private sewage disposal system*.

(4) The *authority having jurisdiction* may, if applicable, withhold an *occupancy permit*

(a) until satisfied that there is a valid electrical *permit* issued by the electrical *authority having jurisdiction*

(b) until satisfied that the civic address is posted where a municipality has so provided by by-law, in accordance with Section 313 of the Municipal Government Act,

r **(5)** The *authority having jurisdiction* may, if applicable, withhold a *building permit* until satisfied that there is a valid "Minister's Consent For Building and Access to Property" issued by the Department of Transportation and Public Works, under the Public Highways Act.

r **(6)** Where a municipality has so provided by by-law, the *authority having jurisdiction* may withhold the issuance of a *building permit* until satisfied that any and all applicable *regulations* of the *Heritage Property Act*, and the *Municipal Government Act*, including any *Land Use Bylaw*, *Subdivision Bylaw*, lot grading plan or Development Agreement, have been complied with and all required permits have been issued by the Development Officer.

(7) Unless a municipality in accordance with Section 7 of the *Building Code Act* has provided other or additional *regulations* by by-law, an *occupancy permit* is required:

(a) to allow the initial *occupancy* of a *building* or part thereof,

(b) when the *occupancy* classification of a *building* or part thereof is changed, or

(c) to allow partial *demolition* or *alteration* of a *building*.

1.4.1.2. Application. To obtain a *permit* the *owner* shall file an application as prescribed by the *authority having jurisdiction*.

1.4.1.3. Required Information

(1) Every *building permit* application as a minimum shall:

(a) identify and describe in detail the work and *occupancy* to be covered by the *permit* for which application is made,

(b) describe the land by including where Nova Scotia property mapping exists in the unique Parcel Identifier (PID) or where this mapping does not exist the assessment account number, and a description that will readily identify and locate the *building* lot,

(c) include plans and specifications as required by Section 2.3 of the *Code*,

(d) state the valuation of the proposed work and be accompanied by the required fee,

(e) state the names, addresses and telephone numbers of the *owner*, *architect* , *professional engineer*, or other *designer*, *constructor* and any

inspection or testing agency that has been engaged to monitor the work or part of the work, and

(f) describe any special *building* systems, materials and *appliances*.

(g) such additional information as may be required by the *authority having jurisdiction*.

1.4.1.4. Letter of Undertaking when Professional Required to Design. The *owner* shall, along with the application referred to in Article 1.4.1.2., submit a letter of undertaking to the *authority having jurisdiction* for the *Field Review of Construction* when the *building*, or part thereof, has been designed within the Scope of Part 4 of the *Code* except as provided under A-2.1.1.6. for Part 9 *buildings*.

1.4.1.5. Dimensional Tolerances. If, in the opinion of the *authority having jurisdiction*, safety to life will not be reduced and *barrier-free* design and access will not be adversely affected, an *authority having jurisdiction* may accept a minor variation, not more than 2%, in a dimension given in this *Code*.

1.4.1.6. Deviations. The *owner* shall not deviate, nor authorize a deviation, from the *Code*, or the conditions of a *permit*, without first obtaining permission in writing to do so from the *authority having jurisdiction*.

1.4.1.7. Land Survey. In addition to Clause 1.4.1.3.(1)(c) the *owner*, if requested by the *authority having jurisdiction* shall submit an up-to-date plan of survey or real property report, prepared by a registered Nova Scotia Land Surveyor, containing sufficient information regarding the site and the location of the *building*:

(1) to establish before construction begins that the regulations of the Code related to the site and the location of the building will be complied with, and

(2) to verify that, upon completion of the work, compliance with all such regulations.

1.4.1.8. Responsibility for carrying out work. The acceptance of drawings and specifications, the granting of a *permit*, and inspections made by the *authority having jurisdiction* shall not in any way relieve the *owner*, *owner's* agent, the *constructor*, the *architect* , the *professional engineer*, or the *designer*, of a *building* from their respective responsibility for carrying out the work or having it carried out in accordance with these *regulations*, including ensuring that the *occupancy* of the *building*, or any part thereof, is in accordance with the terms of the *permit*.

1.4.1.9. Inspection Exemption Modular and Mobile Homes.
Modular homes and mobile homes are subject to the inspection required by clauses 2.1.1.11.(1)(b) of these *regulations* and are exempt for the work certified

at factory in accordance with CSA Z240 MH Series " Mobile Homes" or the CSA Standard A277-M-01 "Procedures for Certification of Factory Built Houses"; .

1.4.1.10. Site Grading. The *authority having jurisdiction* may require an *owner* to have a *building* site graded in conformance with any storm drainage plan, prepared or accepted by the *authority having jurisdiction*, for the area in which the *building* is located.

1.4.1.11. Permission to Proceed in Part

(1) The *authority having jurisdiction* may allow, at the risk of the *owner*, with conditions if necessary, to ensure conformance with this *Code*, the *owner* to proceed with *excavation* or construction of part of a *building* before the plans of the entire *building* have been submitted.

(2) If the *authority having jurisdiction* allows *excavation* or construction of part of a *building* under Sentence (1), the *owner* shall submit all such plans and specifications as may be required in connection therewith by the *authority having jurisdiction*, including at a minimum, complete plans and specifications for the work which is authorized under sentence (1).

(3) If an *owner* proceeds to excavate or *construct* part of a *building* under Sentences (1) and (2), the *owner* proceeds without assurance that the *excavation* or construction of other parts of the *building* will be allowed.

1.4.1.12. Temporary *Building* or *Occupancy* [see A-1.4.1.12.]

(1) Notwithstanding anything contained elsewhere in these *regulations*, a permit for a temporary *building* or part thereof, or a temporary change of occupancy classification of an existing building, may be issued by the *authority having jurisdiction*, authorizing for a limited time only the erection and existence of a *building*, or part thereof, or for a temporary change of *occupancy* classification, for an *occupancy* which, because of its nature, will exist for a short time, under circumstances which warrant only selective compliance with the *Code*.

(2) A *permit* for a temporary *building* or temporary change of *occupancy* classification shall state the date after which and the conditions under which the *permit* is no longer valid.

(3) A *permit* for a temporary *building* or temporary change of *occupancy* classification may be extended provided permission in writing is granted by the *authority having jurisdiction*.

(4) A *permit* for a temporary *building* or temporary change of *occupancy* classification shall be posted on the *building*.

(5) A *permit* issued for a tent or temporary *air-supported structure*, shall be required to be renewed every twelve months.

(6) A permit issued for a temporary change of *occupancy* classification shall be required to be renewed every twelve months.

PART 2
Responsibilities and Obligations

Section 2.1 Obligations of Owner

2.1.1. General

2.1.1.1. Required *Permits*. Every *owner* shall obtain all required *permits* or approvals prior to commencing the work to which they relate.

2.1.1.2. Start Up Date. Every *owner* shall give written notice to the *authority having jurisdiction* of the date on which the *owner* intends to begin work prior to commencing work on the *building* site.

2.1.1.3. Notice of Employees.

(1) Every *owner* shall, prior to commencing the work, give notice in writing to the *authority having jurisdiction* of:

(a) the name, address and telephone number of
  i) the *constructor* or other person in charge of the work,
  ii) the *designer* of the work,
  iii) the *architect(s)*, *professional engineer(s)*, and prime consultant(s) performing the *Field Review of Construction(s)*, and
  iv) any inspection or testing agency engaged to monitor the work or part of the work, and

(b) any change in or termination of employment of such persons during the course of the construction in writing, as soon as practical but not later than 72 hours of such change, or termination occurs.

(2) Every *owner* shall give notice in writing to the *authority having jurisdiction*:

(a) as soon as any change in ownership or change in the address of the *owner* occurs prior to the issuance of an *occupancy permit*, and

(b) prior to occupying any portion of the *building* if it is to be occupied in stages.

2.1.1.4. Plans at Site. Every *owner* shall ensure that the plans, specifications and related documents on which the issuance of the *building permit* was based are available at the site of the work for inspection during working hours by the *authority having jurisdiction*, and that the *permit*, or true copy thereof, is posted conspicuously on the site during the entire execution of the work.

2.1.1.5. Professional Design and Review The *owner* who undertakes to *construct* or have *constructed* a *building* or part thereof within the scope of Part 4 of the *Code* shall:

(1) ensure that an *architect* , *professional engineer*, or both, as required, are appointed to undertake the design of the *building* or part thereof, and

(2) complete and submit a letter of undertaking in the form specified in Schedule "A" for the *Field Review of Construction* of such *buildings*.

2.1.1.6. Design *Regulations* for Structural Components. Where the dimensions of a structural component are not provided in Part 9 of the *Code* for use in a *building* within the scope of that part, and such dimensions are to be determined on the basis of calculation, testing or other means of evaluation, the *owner* shall:

(1) ensure that a *professional engineer* is appointed to undertake the design of the structural component, and

(2) when required by the *authority having jurisdiction*, complete and submit a letter of undertaking in the form specified in Schedule "A" for the *Field Review of Construction* for this structural component.

2.1.1.7. Site Conditions, Size, or Complexity Requiring Professional Design and Inspection. Where the site conditions, the size or complexity of a *building*, part of a *building* or *building* component warrant, the *authority having jurisdiction* may require the *owner* to file a Letter of Undertaking and have appropriate Field Review of Construction letters submitted as deemed necessary.

2.1.1.8. Design *Regulations* for *Sprinklered Building*.

(1) Where a *building* is required or intended to be *sprinklered*, the *owner* shall:

(a) ensure that a *professional engineer* is appointed to undertake the design of the sprinkler system, and

(b) complete and submit a Letter of Undertaking in the form specified in Schedule "A" of the *Field Review of Construction*

(2) Where the *alteration* of an existing *building* requires changes to an existing sprinkler system, the *authority having jurisdiction* may waive compliance with Clauses 2.1.1.8.(1), (a) and (b). Where Clauses 2.1.1.8.(1), (a) and (b) are waived, the design documents and test results conducted on the system as per provincial maintenance regulations must be filed with the *authority having jurisdiction*.

2.1.1.9. *Alteration* to Property Boundary or Ground Elevation. No *owner* or person hired by the *owner* shall allow the ground elevations or the property boundaries of a *building* lot to be changed so as to place a *building* or part thereof, in contravention of these *regulations*, unless the *building* or part thereof, is so altered, after obtaining the necessary *permit*, that no contravention will occur as a result of the change of the property boundary or grades.

2.1.1.10. Right of Entry. Every *owner* shall allow the *authority having jurisdiction* to enter any *building* or premises at any reasonable time for the purpose of administering and enforcing these *regulations* in accordance with the provisions of Sections 10 (1), 10(2), and 10(3) of the *Building Code Act*.

2.1.1.11. Notification for Inspection and Certification of Field Review of Construction

(1) The *owner* of a *building* being *constructed* under the scope of Part 9 of the Code shall notify the *authority having jurisdiction* to inspect for compliance with the *Code* at the following stages of construction:

(a) (i) footings in place,

(ii) the site before commencing backfilling of the laterally supported foundation, before a superstructure is placed on the foundation,

(iii) the framing, roof, and plumbing and mechanical,

(iv) insulation and vapour barrier before wall framing is covered,

(v) before *occupancy*.

(b) for *mobile* and *modular homes* conforming to 1.4.1.9.

(i) footings in place

(ii) (a) in the case of a mobile home, the site preparation, foundation installation and anchorage in accordance with CSA CAN3 - Z240.10.1-94 "Recommended Practice for Site Preparation, Foundation, and Anchorage of Mobile Homes",

(b) in the case of a modular home site preparation and foundation,

(iii) installation and anchorage
(iv) before *occupancy*

(2) The *owner* of a *building* being *constructed* outside the scope of Part 9 of the Code shall notify the *authority having jurisdiction* to inspect for compliance with the *Code*:

(a) of the intent to undertake construction that will be inspected and will be reviewed as per the appropriate Letter of Undertaking required by Article 2.1.1.5., 2.1.1.6., or 2.1.1.7..
(b) of intent to cover construction that has been ordered to be inspected by the *authority having jurisdiction* before covering and,
(c) at intervals deemed necessary by the *authority having jurisdiction* based on the complexity of the *building* and,
(d) when construction has been completed so that a final inspection can be made.

2.1.1.12. *Occupancy* Prior to Completion. Should the *owner* require *occupancy* to occur prior to the completion of all work the *owner* shall apply for the occupancy *permit* and shall ensure that no *unsafe condition* exists or will exist because of the work being undertaken or not completed.

2.1.1.13. Test or Inspections to Prove Compliance. Every *owner* shall make, or have made at their own expense, the tests or inspections necessary to prove compliance with these *regulations* and shall promptly file a copy of all such test or inspection reports with the *authority having jurisdiction*.

2.1.1.14. Repairs to Public Property. Every *owner* is responsible for the cost of repair of any damage to public property or works located therein that may occur as a result of undertaking work for which a *permit* was or was not required.

2.1.1.15. Discontinuation of Work. Every *owner* who is unable to continue work owing to bankruptcy or other cause, is responsible, before leaving the site of the work, for ensuring that no *unsafe condition* remains at the site.

Section 2.2 Obligations of Professional

2.2.1. General

2.2.1.1. Design. The *architect*, or *professional engineer* who undertakes to design a *building* or part thereof shall do so in accordance with their respective statutes and bylaws to ensure that the design meets the intent of the *Code*.

2.2.1.2. *Field Review of Construction.* The *architect*, or *professional engineer* who undertakes the *Field Review of Construction* shall do so in accordance with their respective statutes and bylaws, and shall

(1) inspect the *building* at intervals appropriate to the stage of construction to determine general compliance with design referred to in Article 2.2.1.1.,

(2) coordinate with the *authority having jurisdiction* the review of changes to the design documents for consistency with the intent of the plans and specifications.

(3) file with the *authority having jurisdiction* the Certification of *Field Review of Construction*.

Section 2.3 Obligations of Constructor

2.3.1. General

2.3.1.1. Construction Safety *Regulations*. Every *constructor* shall ensure that all construction safety requirements of the Department of Labour, Occupational Health and Safety Division, are complied with.

2.3.1.2. Work on Public Property. Every *constructor* is responsible for ensuring that no *excavation* or other work is undertaken on public property, and that no *building* is erected or materials stored in whole or in part therein without approval having first been obtained in writing from the appropriate government authority.

2.3.1.3. Responsibilities for the Work Undertaken.

(1) Every *constructor* is responsible jointly and severally with the *owner* for all and any work actually undertaken.

(2) Every *constructor* who is unable to continue work owing to bankruptcy or other cause, is responsible, before leaving the site of the work, for ensuring that no *unsafe condition* remains at the site.

2.3.1.4. *Owner* Deemed to be *constructor*. Where the work for which a *permit* is issued is not under the control of a *constructor*, the *owner* shall be deemed to be the *constructor* and shall accept the responsibilities and obligations of a *constructor*.

2.3.1.5. Materials, Systems, to Comply with *Code*. Every *constructor* shall ensure that all materials, systems, equipment, used in the construction, *alteration*, reconstruction or renovation of a *building* meet the *regulations* of the *Code* for the work undertaken.

Section 2.4 Obligation of Authority having Jurisdiction

2.4.1. Qualifications of Building Officials

2.4.1.1. Appointment A person appointed or eligible to be appointed by a municipality as a building official shall

(1) hold a valid diploma from the Nova Scotia Building Code Training and Certification Board, and

(2) be a member in good standing of the Nova Scotia Building Officials Association.

2.4.1.2. Administration and Enforcement of the Building Code Act and Regulation

(1) Building Officials are required to administer and enforce the provisions of the *Building Code Act* and Regulation.

(2) Building Officials may only administer and enforce the provisions of the *Building Code Act* and Regulation within the scope for which they hold a valid diploma from the Nova Scotia Building Code Training and Certification Board.

2.4.2. General

2.4.2.1. Administration and Enforcement. The *authority having jurisdiction* shall administer and enforce these *regulations*.

2.4.2.2. Copies of Applications, Inspections, and Tests, The *authority having jurisdiction* shall keep copies of all applications received, *permits* and orders issued, inspections and tests made and of all papers and documents connected with the administration of these *regulations* for such time as is required by law.

2.4.2.3. Notices and Orders. The *authority having jurisdiction* shall issue, in writing, such notices or orders as may be necessary to inform the *owner* where a contravention of these *regulations* has been observed. Such notices or orders may specify any remedial or other measures that are required to meet the *regulations* in accordance with the provisions of Section 12 of the Act. Where the *authority having jurisdiction* issues such written notice or order, a copy shall be retained by the *authority having jurisdiction* and a copy shall be sent to:

(1) the *owner*, by regular mail, at the address given on the *permit* application;

(2) the *designer, architect* or *professional engineer* by regular mail, at the address given on the *permit* application;

(3) the *constructor*, by regular mail, or if the *constructor* is present during the inspection, may be given to the *constructor*.

2.4.2.4. Responding to *Code* Inquiries. The *authority having jurisdiction* shall answer such relevant questions as may be reasonable with respect to the provisions of these *regulations* when requested to do so, but shall refrain from assisting in the laying out of any work and from acting in the capacity of a *designer*.

2.4.2.5. *Authority having Jurisdiction* to Issue *Permits*. The *authority having jurisdiction* shall issue a *building permit* or an *occupancy permit* to the *owner* when, to the best of *authority having jurisdiction*'s knowledge, the applicable conditions, as set forth in these *regulations*, have been met.

2.4.1.6. Safety *Regulations*. The *authority having jurisdiction* shall, when inspecting *building* sites and structures, comply with the safety *regulations* made pursuant to the Occupational Health and Safety Act, Department of Labour, Province of Nova Scotia.

Section 2.5 Powers of *Authority having Jurisdiction*

2.5.1. General

2.5.1.1. Right to Enter Property. The *authority having jurisdiction* may enter and inspect any *building* or premises at any reasonable time for the purpose of administering or enforcing these *regulations* in accordance with the provisions of Sections 10(1), 10(2), and 10(3) of the *Building Code Act*.

2.5.1.2. Orders.

(1) The *authority having jurisdiction* is empowered to order:

(a) a person who contravenes these *regulations* to comply with them within the time period that may be specified,

(b) work to stop on the *building* or any part thereof if such work is proceeding in contravention of these *regulations*, or if there is deemed to be an *unsafe condition*,

(c) the removal of any unauthorized encroachment on public property,

(d) the removal of any *building* or part thereof constructed in contravention of these *regulations*,

(e) the cessation of any *occupancy* in contravention of these *regulations*,

(f) the cessation of any *occupancy* if any *unsafe condition* exists because of work being undertaken or not completed,

(g) correction of any *unsafe condition*, and

(h) the *owner* to uncover and replace at their own expense:

i) work that has been ordered to be done pursuant to an order issued by the *authority having jurisdiction* and which has been covered without being inspected; and

ii) work for which notification to inspect is required to be given pursuant to Article 2.1.1.11., and where uncovering the work is necessary to determine compliance with the *Code*.

2.5.1.3. Tests Required to Prove Compliance. The *authority having jurisdiction* may direct that tests of materials, equipment, devices, construction methods, structural assemblies or foundation conditions be made, or sufficient evidence or proof be submitted at the expense of the *owner*, where such evidence or proof is necessary to determine whether the material, equipment, device, construction or foundation condition meets these *regulations*.

2.5.1.4. Reports Regarding Failure or Potential Failure. The *authority having jurisdiction* may require the *owner* or the *owner*'s representative, where any failure occurs which causes or has the potential to cause injury or loss of life, to submit a report stating the nature and details of the failure and the name and addresses of the *constructor*.

2.5.1.5. Conditional *Building* or *Occupancy Permit.*

(1) The *authority having jurisdiction* may issue a *building* or *occupancy permit* conditional upon:

(a) The submission of additional information not available at the time where such information is of such a nature that withholding of the *permit* until the information becomes available would be unreasonable.

(b) Completion of such work that is incomplete at the time of inspection, or application is of such a nature that no *unsafe condition* exists and that withholding of the *permit* would be unreasonable.

2.5.1.6. Refuse to Issue *Permit.*

(1) The *authority having jurisdiction* may refuse to issue any *permit*:

(a) whenever information submitted is inadequate to determine compliance with the provisions of these *regulations*,

(b) whenever incorrect information is found to have been submitted,

(c) that would authorize any *building* work or *occupancy* that would not be permitted by these *regulations*, or

(d) that would be prohibited by any other Act, regulation or bylaw.

2.5.1.7. Revoke a *Permit.*

(1) The *authority having jurisdiction* may revoke a *permit* by written notice to the *permit* holder if:

(a) there is contravention of any condition under which the *permit* was issued,

(b) the *permit* was issued in error, or

(c) the *permit* was issued on the basis of incorrect information.

2.5.1.8. *Occupancy* Prior to Completion. The *authority having jurisdiction* may issue an *occupancy permit*, subject to compliance with provisions to safeguard persons in or about the premises, to allow the *occupancy* of a *building* or part thereof for the accepted use, prior to commencement or completion of the construction or *demolition* work.

2.5.1.9. Provide Reasons for Refusal. The *authority having jurisdiction* shall provide the reasons for refusal to grant a *permit*, when requested to do so.

PART 3
Amendments to the Nova Scotia Building Code

Section 3.1 Amendments Made to Parts 1 through 9 inclusive of the *National Building Code of Canada.*

3.1.1. Amendments

3.1.1.1. Definition of *Owner.* The definition of "*owner*" in Section 1.4 (Part 1, Division A, Volume 1), of the National Building Code of Canada, 2005 is deleted and replaced herein with the definition of "*owner*" in Article 1.3.1.3. of these *regulations*.

3.1.1.2. Sentence 1.1.1.1.(2) (Part 1, Division A, Volume 1) amended. Sentence 1.1.1.1.(2) (Part 1, Division A, Volume 1) of the National Building Code of Canada, 2005 is deleted and the following substituted:

1.1.1.1.(2) (Part 1, Division A, Volume 1) Scope

(1) Except as provided in Sentences (2) and (3), the *Code* applies to both site assembled and factory built *buildings*.

(2) Mobile homes are exempt from this *Code* provided they meet the requirements of CSA Z240 MH Series and have not been structurally altered. This exemption does not extend to on-site preparations (foundations, *basements*, anchorage), interconnection of modules, connection to services or installation of *appliances* which shall meet the requirements of CSA Z240 MH Series.

(3) Modular homes are exempt from this *Code* provided they meet the requirements of CSA A277-M-01 and have not been structurally altered. This exemption does not extend to on-site preparations (foundations, *basements*, anchorage), interconnection of modules, connection to services or installation of *appliances* which shall meet the requirements of CSA A277-M-01.

3.1.1.3. Climatic Values Sentence 1.1.3.1.(1) (Part 1, Division B, Volume 1) amended. Sentence 1.1.3.1.(1) (Part 1, Division B, Volume 1) of the National Building Code of Canada, 2005 is amended by deleting " Table C 2, Appendix C." in the last line and substituting "Schedule B, Design Data for Selected Locations in Nova Scotia".

3.1.1.4. Climatic Values Sentence 1.1.3.1.(2)(Part 1, Division B, Volume 1) amended. Sentence 1.1.3.1.(2) (Part 1, Division B, Volume 1) of the National Building Code of Canada, 2005 is amended by deleting " Table C-2 (Appendix C, Division B, Volume 2)" in the middle line and substituting, "Schedule B, Design Data for Selected Locations in Nova Scotia".

3.1.1.5. *Barrier-Free* Design deleted and replaced. Section 3.8. (Part 3, Division B, Volume 1) Section 3.8. (Part 3, Division B, Volume 1) of the National Building Code of Canada, 2005 is deleted and replaced with the Section 3.8 "*Barrier-Free* Design" contained in Schedule "C" of these *regulations*.

3.1.1.6. *Barrier-Free* Design. Sentence 9.5.2.1. (1)(Part 9, Division B, Volume 1) deleted and replaced Sentence 9.5.2.1.(1) General (Part 9, Division B, Volume 1) of the National Building Code of Canada, 2005 is deleted and replaced by the following sentence:

Sentence 9.5.2.1.(1) General Subject to Article 3.8.1.1. of this regulation every *building* shall be designed in conformance with Section 3.8.

3.1.1.7. Exception for Apartment Buildings Article 9.5.2.3. (Part 9, Division B, Volume 1) deleted Article 9.5.2.3. Exception for Apartment Buildings (Part 9, Division B, Volume 1) of the National Building Code of Canada, 2005 is deleted.

3.1.1.8. Section 3.2. (Part 3, Division B, Volume 1) Amended. Section 3.2. (Part 3, Division B, Volume 1) 3.2. of the National Building Code of Canada, 2005 is amended by adding Article 3.2.2.84. "Alternate Compliance Methods For Existing Buildings

Section 3.2.2.84. Alternate Compliance Methods For Existing *Buildings*
(1) Scope
(2) Application. The Alternate Compliance Methods for Existing *Buildings* contained in Schedule "D" of these *regulations* are hereby adopted and may be used in accordance with Sentences 1.2.1.1.(8), (9), and (10) of these *regulations*.

3.1.1.9. Section 9.1. General (Part 9, Division B, Volume 1) Amended. Section 9.1. (Part 9, Division B, Volume 1) of the National Building Code of Canada, 2005 is amended by adding Sentence 9.111.(2).

(2) The Alternate Compliance Methods for Existing *Buildings* contained in Schedule "D" of these *regulations* are hereby adopted and may be used in accordance with Sentences 1.2.1.1.(8), (9), and (10) of these *regulations*.

3.1.1.10. Clause 3.1.2.5.(2)(d) (Part 3, Division B, Volume 1) Amended Clause 3.1.2.5.(2)(d) (Part 3, Division B, Volume 1) of the National Building Code of Canada, 2005 is amended by italicizing the words," *care facility*". [Note that the term "care facility" is defined within these regulations.]

3.1.1.11. Sentence 9.27.2.2.(5) (Division B, Volume 1) amended. Sentence 9.27.2.2.(5) is amended by replacing the comma after the word break with a period and deleting the balance of the sentence including deletion of Clauses 9.27.2.2.(50 (a) and (b) and the reference to Appendix C for information on the moisture index.

3.1.1.12. Article 9.32.3.6. (Part 9, Division B, Volume 1) deleted. Article 9.32.3.6. (Part 9, Division B, Volume 1) of the National Building Code of Canada, 2005 is deleted and appendix note A-9.32.3.6. (Appendix A, Division B, Volume 2) is deleted.

3.1.1.13. Article 1.3.1.2. (Part 1, Division B, Volume 1) Applicable Editions Amended Article 1.3.1.2. (Part 1, Division B, Volume 1) of the National Building Code of Canada, 2005 is deleted and replaced with the following:

1) Except as provide under sentence (2) where documents are referenced in this Code, they shall be the editions designated in Table 2.7.3.2. (Part 1, Division B, Volume 1) except those documents designated under the following Acts and Regulations of the Province of Nova Scotia in which case the edition so referenced shall be deemed to be enforce [see Appendix note A-2.7.3.2.].

(a) *Fuel Safety Regulations*
(b) *Boilers and Pressure Vessels Act* and Regulations
(c) *Elevators and Lifts Act* and Regulations
(d) *Electrical Installation and Inspection Act* and Regulations

2) Where amendments to documents adopted by this code apply, these amendments shall apply to the particular provisions of those documents adopted by the above Acts and Regulations unless amended by this regulation.

3.1.1.14. Article 1.3.3.2. (Part 1, Division A, Volume 1) amended
Article 1.3.3.2. (Part 1, Division A, Volume 1)of the National Building Code of Canada 2005 is amended by adding new Sentence 1.3.3.2.(2) (Part 1, Division A, Volume 1).

Sentence 1.3.3.2.(2) Except as provided in Sentence 1.1.1.1.(3) (Part 1, Division A, Volume 1), Articles 3.2.2.46. and 3.2.2.47. (Part 3, Division B, Volume 1) apply to all buildings used for major occupancies classified as Group C, residential occupancies exceeding 300 m^2 in building area. [Appendix A -1.3.3.2.(2) NSBCR]

3.1.1.15. Table 3.2.2.47. (Part 3, Division B, Volume 1) deleted and replaced
Table 3.2.2.47. (Part 3, Division B, Volume 1) of the National Building Code of Canada 2005 is deleted and replaced with

Table 3.2.2.47.
Maximum Building Area, Group C, up to 3 Storeys

No. of Storeys	Maximum Area, m^2		
	Facing 1 *Street*	Facing 2 *Streets*	Facing 3 *Streets*
1	900	1 120	1350
2	450	560	675
3	300	375	450

3.1.1.16. Table 3.2.2.46. (Part 3, Division B, Volume 1)deleted and replaced
Table 3.2.2.46. (Part 3, Division B, Volume 1) of the National Building Code of Canada 2005 is deleted and replaced with

Table 3.2.2.46.
Maximum Building Area, Group C, up to 3 Storeys, Increased Area

No. of Storeys	Maximum Area, m^2		
	Facing 1 *Street*	Facing 2 *Streets*	Facing 3 *Streets*
1	1 200	1 500	1 800
2	600	750	900
3	400	500	600

3.1.1.17. Table 3.2.2.44. (Part 3, Division B, Volume 1) deleted and replaced Table 3.2.2.44. (Part 3, Division B, Volume 1) of the National Building Code of Canada 2005 is deleted and replaced with

Table 3.2.2.44.
Maximum Building Area, Group C, up to 3 Storeys

No. of Storeys	Maximum Area, m^2		
	Facing 1 Street	Facing 2 Streets	Facing 3 Streets
1	2 400	3 000	3 600
2	1 200	1 500	1 800
3	800	1 000	1 200

3.1.1.18. Article 3.2.2.50. Group D, up to 6 Storeys (Part 3, Division B) deleted and replaced Article 3.2.2.50. Group D, up to 6 Storeys (Part 3, Division B) of the National Building Code of Canada 2005 is deleted and replaced with

3.2.2.50.

(1) A building classified as Group D is permitted to conform to Sentence (2) provided

(a) it is not more than 3 storeys in building height, and

(b) it has a building area not more than the value in Table 3.2.2.50.

Table 3.2.2.50.
Maximum Building Area, Group D, up to 3 Storeys

No. of Storeys	Maximum Area, m^2		
	Facing 1 Street	Facing 2 Streets	Facing 3 Streets
1	not limited	not limited	not limited
2	7 200	not limited	not limited
3	4 800	6 000	7 200

(2) The building referred to in Sentence (1) shall be of noncombustible construction, and

(a) floor assemblies shall be fire separations with a fire-resistance rating not less than 1 h,

(b) mezzanines shall have a fire-resistance rating not less than 1 h,

(c) roof assemblies shall have a fire-resistance rating not less than 1 h, except that in a building not more than 1 storey in building height this requirement is waived, and

(d) loadbearing walls, columns and arches shall have a fire-resistance rating not less than that required for the supported assembly.

3.1.1.19. Sentence 3.2.4.20.(5) (Part 3, Division B, Volume 1) Smoke Alarms
Sentence 3.2.4.20.(5) [Part 3, Division B, Volume 1] of the National Building Code of Canada 2005 is deleted and replaced with

(5) Smoke alarms referred in Sentence (1) shall

(a) be installed

(i) by permanent connections to an electrical circuit,[see Appendix A, Division B, Volume 2]

(ii) have no disconnect switch between the overcurrent device and the smoke alarm, and

(iii) in case the regular power supply to the *smoke alarm* is interrupted, be provided with a battery as an alternate power source that can continue to provide power to the *smoke alarm* for a period of no less than 24 hours in the normal condition, followed by five minutes of alarm. r

3.1.1.20. Sentence 9.10.19.3.(1) (Part 9, Division B, Volume 1) Power Supply
Sentence 9.10.19.3.(1) (Part 9, Division B, Volume 1) of the National Building Code of Canada 2005 is deleted and replaced with

9.10.19.3.(1) Smoke alarms referred in Article 9.10.19.1. shall

(a) be installed

(i) by permanent connections to an electrical circuit,(see Appendix A, Division B, Volume 2)

(ii) have no disconnect switch between the overcurrent device and the smoke alarm, and

(iii) in case the regular power supply to the *smoke alarm* is interrupted, be provided with a battery as an alternate power source that can continue to provide power to the *smoke alarm* for a period of no less than 24 hours in the normal condition, followed by five minutes of alarm,

or

(b) in a single dwelling unit be installed

(i) as a component of a household fire warning system which includes a certified control unit that meets the applicable requirements of ULC-S545 "Standard for Residential Fire Warning System Control Units" and,

(ii) in case the regular power supply to the control unit is interrupted, be provided with a battery as an alternate power source that can continue to provide power to the control unit for a period of no less than 24 hours in the normal condition, followed by five minutes of alarm.

r 3.1.1.21. Appendix Notes The Appendix Notes to the National Building Code of Canada 2005 edition apply as appendix notes to the *Code* and where amendments made by this regulation unless specifically replaced or amended herein.

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Schedule "A"
LETTER OF UNDERTAKING

CONFIRMATION OF COMMITMENT BY *OWNER* TO THE MUNICIPAL *AUTHORITY HAVING JURISDICTION* *FIELD REVIEW OF CONSTRUCTION*

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects*, and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;

To: _____

Authority Having Jurisdiction Date

_____

Address

_____

_____

_____

Dear: _____

Authority Having Jurisdiction

Re: _____

Address of Project

_____

Name of Project

_____

Legal Description of Project

I (the *owner*) submit this Letter of Undertaking to the *authority having jurisdiction* along with a completed application for a *building permit*.

The undersigned has appointed an *architect(s)*, *professional engineer*(s), or *designer(s)*, or prime consultant(s) to undertake, as required in Articles 2.1.1.5. and 2.1.1.6. of the *Regulations*, the *Field Review of Construction* and I have attached to this Letter of Undertaking
(check appropriate boxes)

☐ *Field Review of Construction* Commitment Certificates completed by me or the prime consultant appointed by me to coordinate the *Field Review of Construction*.

☐ *Field Review of Construction* Commitment Certificates (identified below) completed by individual *designers* appointed by me to perform the *Field Review of Construction* for the applicable discipline(s).

☐ shall forward *Field Review of Construction* Commitment Certificates for those not yet appointed.

(Initial the disciplines that apply to this project. All disciplines will not necessarily be employed on every project)

☐ Building Design	☐ Structural	☐ Plumbing
☐ Mechanical	☐ Electrical	☐ Geotechnical
☐ Fire Suppression System		

I shall notify the *authority having jurisdiction* if the *architect*, or *professional engineer* named in the attached "Review of Construction Commitment Certificate(s)" ceases, for whatever reason, to provide the *Field Review of Construction* for this *building* and shall appoint another *architect* and *professional engineer* immediately so that the *Field Review of Construction* will continue uninterrupted. This notice and the necessary *Field Review of Construction* Commitment Certificates shall be forwarded to the *authority having jurisdiction* as soon as practical, but not later than 72 hours.

Signature of *Owner* Date

Print Name

Address Postal Code

Phone Fax e-mail

Schedule "A-1"
FIELD REVIEW OF CONSTRUCTION
INSPECTION COMMITMENT CERTIFICATE
PRIME CONSULTANT

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects*, and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;

To: _____
Authority Having Jurisdiction Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

This is to advise that I am the *architect*, *professional engineer* or *designer* appointed by the *owner* as prime consultant to coordinate the *Field Review of Construction* for the above referenced project.

I hereby certify as prime consultant for this project that I will coordinate the *Field Review of Construction* for the following disciplines which I have checked and initialled.

☐ Building Design ☐ Structural ☐ Plumbing
☐ Mechanical ☐ Electrical ☐ Geotechnical
☐ Fire Suppression System

I attach for your review the *Field Review of Construction* Inspection Commitment Certificates for each above marked and initialled discipline completed by an appropriate professional for each discipline, or shall forward the Field Review of Commitment Certificate for those not yet appointed.

I, and professionals who have completed the various *Field Review of Construction* Inspection Commitment Certificates, will perform the *Field Review of Construction.*

I also certify that

1) I will coordinate the review of shop drawings;

2) I will coordinate the review of changes to the design documents; and

3) I will complete or have completed by the appropriate professional the Certification of *Field Review of Construction* and return it to the *authority having jurisdiction* prior to requesting the *occupancy permit.*

Please be advised that I may delegate some or all of my duties associated with the coordination of the *Field Review of Construction* to another person employed by me or my firm where it is consistent with prudent professional practice to do so. The functions will however be performed under my supervision in accordance with the Engineering Profession Act, or the Architects Act.

The undersigned shall notify the *authority having jurisdiction*, in writing as soon as practical, but not later than 72 hours, if the contract for *Field Review of Construction* is terminated at any time during construction.

Print Name

Signature Initials Sample

Print Name of Firm or Company

Print Address

Print Municipality Postal Code

Telephone Fax e-mail

Affix below the seal of the licensed *Architect*, or *Professional Engineer* as appropriate in accordance with provincial legislation or signed by the prime consultant)

Schedule "A-2"

FIELD REVIEW OF CONSTRUCTION
INSPECTION COMMITMENT CERTIFICATE
BUILDING DESIGN REQUIREMENTS

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects*, and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;

To: _____
Authority Having Jurisdiction Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

This is to advise that I am the *architect*, or *professional engineer* appointed by the owner or prime consultant to perform the *Field Review of Construction* for the BUILDING DESIGN aspects of the project, which are within Part 3 and Part 5 of the *Code* and as shown in design documents submitted to the *authority having jurisdiction* but do not include areas of work referred to in certificates A-3 to A-9 inclusive.

I hereby certify for the Building Design Requirements that

1) I will review the shop drawings relevant to this certificate to determine general compliance with the design documents, however, the party producing the shop drawings remains responsible for the design expressed therein;

2) I will coordinate the review of changes to the design documents relevant to this certificate to ensure that the changes conform to the *Code*; and

3) I will complete the Certification of *Field Review of Construction* and return it to the *authority having jurisdiction* prior to requesting the *occupancy permit.*

Please be advised that I may delegate some or all of my duties associated with the coordination of the *Field Review of Construction* to another person employed by me or my firm where it is consistent with prudent professional practice to do so. The functions will however be performed under my supervision in accordance with the *Architects Act,* or *Professional Engineer's Act.*

The undersigned shall notify the *authority having jurisdiction,* in writing as soon as practical, but not later than 72 hours, if the contract for *Field Review of Construction* is terminated at any time during construction.

Print Name

Signature Initials Sample

Print Name of Firm or Company

Print Address

Print Municipality Postal Code

Telephone Fax e-mail

Affix below the seal of the licensed *Architect,* or *Professional Engineer* as appropriate in accordance with provincial legislation.

Schedule "A-3"

FIELD REVIEW OF CONSTRUCTION
INSPECTION COMMITMENT CERTIFICATE
STRUCTURAL DESIGN REQUIREMENTS

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects*, and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;

To: _____
Authority Having Jurisdiction Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

This is to advise that I am the *professional engineer* appointed by the *owner* or prime consultant to perform the *Field Review of Construction* for the STRUCTURAL DESIGN requirements.

I hereby certify for the Structural Design Requirements that

1) I will review the structural shop drawings to determine general compliance with the design documents, however, the party producing the shop drawings remains responsible for the design expressed therein;

2) I will coordinate the review of changes to the structural design drawings to determine that the changes conform to the *Code*; and

3) I will complete the Certification of *Field Review of Construction* and return it to the *authority having jurisdiction* prior to requesting the occupancy *permit*.

Please be advised that I may delegate some or all of my duties associated with the *Field Review of Construction* to another person employed by me or my firm where it is consistent with prudent professional practice to do so. The functions will however be performed under my supervision in accordance with the Engineering Profession Act.

The undersigned shall notify the *authority having jurisdiction*, in writing as soon as practical, but not later than 72 hours if the contract for *Field Review of Construction* is terminated at any time during construction.

Print Name

Signature Initials Sample

Print Name of Firm or Company

Print Address

Print Municipality Postal Code

Telephone Fax e-mail

Affix below the seal of the licensed *Professional Engineer* in accordance with provincial legislation.

Schedule "A-4"

FIELD REVIEW OF CONSTRUCTION
INSPECTION COMMITMENT CERTIFICATE
MECHANICAL DESIGN REQUIREMENTS

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects* and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;
This is to advise that I am the *professional engineer* appointed by the *owner* or prime consultant to perform the Field Review of Construction for the MECHANICAL DESIGN requirements.

To: _____
Authority Having Jurisdiction Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

This is to advise that I am the *professional engineer* appointed by the *owner* or prime consultant to perform the Field Review of Construction for the MECHANICAL DESIGN requirements.

I hereby certify for the Mechanical Design Requirements that

1) I will review the mechanical shop drawings to determine general compliance with the design documents, however, the party producing the shop drawings remains responsible for the design expressed therein;

2) I will coordinate the review of changes to the mechanical design documents to ensure that the applicable *professional engineer*(s) determines whether the changes conform to the *Code*; and

3) I will complete the Certification of *Field Review of Construction* and return it to the *authority having jurisdiction* prior to requesting the *occupancy permit*.

Please be advised that I may delegate some or all of my duties associated with the *Field Review of Construction* to another person employed by me or my firm where it is consistent with prudent professional practice to do so. The functions will however be performed under my supervision in accordance with the Engineering Profession Act.

The undersigned shall notify the *authority having jurisdiction*, in writing as soon as practical, but not later than 72 hours, if the contract for *Field Review of Construction* is terminated at any time during construction.

Print Name

Signature Initials Sample

Print Name of Firm or Company

Print Address

Print Municipality Postal Code

Telephone Fax e-mail

Affix below the seal of the licensed *Professional Engineer* in accordance with provincial legislation.

Schedule "A-5"

FIELD REVIEW OF CONSTRUCTION
INSPECTION COMMITMENT CERTIFICATE
ELECTRICAL DESIGN REQUIREMENTS

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects* and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;

To: _____
Authority Having Jurisdiction Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

This is to advise that I am the *professional engineer* appointed by the *owner* or prime consultant to perform the Field Review of Construction for the ELECTRICAL DESIGN requirements.

I hereby certify for the Electrical Design Requirements that

1) I will review the electrical shop drawings to determine general compliance with the design documents, however, the party producing the shop drawings remains responsible for the design expressed therein;

2) I will coordinate the review of changes to the electrical design documents to ensure that the applicable *professional engineer*(s) determines whether the changes conform to the *Code*; and

3) I will complete the Certification of *Field Review of Construction* and return it to the *authority having jurisdiction* prior to requesting the *occupancy permit.*

Please be advised that I may delegate some or all of my duties associated with the *Field Review of Construction* to another person employed by me or my firm where it is consistent with prudent professional practice to do so. The functions will however be performed under my supervision in accordance with the Engineering Profession Act.

The undersigned shall notify the *authority having jurisdiction*, in writing as soon as practical, but not later than 72 hours, if the contract for *Field Review of Construction* is terminated at any time during construction.

Print Name

Signature Initials Sample

Print Name of Firm or Company

Print Address

Print Municipality Postal Code

Telephone Fax e-mail

Affix below the seal of the licensed *Professional Engineer* in accordance with provincial legislation.

Schedule "A-6"

FIELD REVIEW OF CONSTRUCTION
INSPECTION COMMITMENT CERTIFICATE
FIRE SUPPRESSION SYSTEMS DESIGN REQUIREMENTS

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects* and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;

To: _____
Authority Having Jurisdiction — Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

This is to advise that I am the *professional engineer* appointed by the *owner* or prime consultant to perform the Field Review of Construction for the FIRE SUPPRESSION SYSTEMS DESIGN requirements.

I hereby certify for the Fire Suppression Systems Design Requirements that

1) I will review the fire suppression systems shop drawings *to determine general compliance with the design documents*, however, the party producing the shop drawings remains responsible for the design expressed therein;

2) I will coordinate the review of changes to the fire suppression systems design documents to ensure that the applicable *professional engineer*(s) determines whether the changes conform to the *Code*;

3) I will complete the Certification of *Field Review of Construction* and return it to the *authority having jurisdiction* prior to requesting the *occupancy permit*;

4) I will file a copy of this form, a copy of the shop drawings, and specifications for the fire suppression system, and a copy of the appropriate contractor's material and test certificate for the system, as required by sentence 3.2.5.13.(1) of the *Code*, with the Office of the Fire Marshal. I shall forward proof of receipt for each of the documents filed, issued by the Office of the Fire Marshal, to the *authority having jurisdiction* prior to requesting the *occupancy permit.*

Please be advised that I may delegate some or all of my duties associated with the *Field Review of Construction* to another person employed by me or my firm where it is consistent with prudent professional practice to do so. The functions will however be performed under my supervision in accordance with the Engineering Profession Act.

The undersigned shall notify the *authority having jurisdiction,* in writing as soon as practical, but not later than 72 hours, if the contract for *Field Review of Construction* is terminated at any time during construction.

Print Name

Signature Initials Sample

Print Name of Firm or Company

Print Address

Print Municipality Postal Code

Telephone Fax e-mail

Affix below the seal of the licensed *Professional Engineer* in accordance with provincial legislation.

Schedule "A-7"

FIELD REVIEW OF CONSTRUCTION
INSPECTION COMMITMENT CERTIFICATE
GEOTECHNICAL DESIGN REQUIREMENTS

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects* and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;

To: _____
Authority Having Jurisdiction Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

This is to advise that I am the *professional engineer* appointed by the *owner* or prime consultant to perform the Field Review of Construction for the GEOTECHNICAL (PERMANENT) DESIGN requirements.

I hereby certify for the Geotechnical (Permanent) Systems Design Requirements that

1) I will review the Geotechnical shop drawings to determine general compliance with the design documents, however, the party producing the shop drawings remains responsible for the design expressed therein;

2) I will coordinate the review of changes to the Geotechnical design documents to ensure that the applicable *professional engineer*(s) determines whether the changes conform to the *Code*; and

3) I will complete the Certification of *Field Review of Construction* and return it to the *authority having jurisdiction* prior to requesting the *occupancy permit.*

Please be advised that I may delegate some or all of my duties associated with the *Field Review of Construction* to another person employed by me or my firm where it is consistent with prudent professional practice to do so. The functions will however be performed under my supervision in accordance with the Engineering Profession Act.

The undersigned shall notify the *authority having jurisdiction*, in writing as soon as practical, but not later than 72 hours, if the contract for *Field Review of Construction* is terminated at any time during construction.

Print Name

Signature Initials Sample

Print Name of Firm or Company

Print Address

Print Municipality Postal Code

Telephone Fax e-mail

Affix below the seal of the licensed *Professional Engineer* in accordance with provincial legislation.

Schedule "A-8"

FIELD REVIEW OF CONSTRUCTION
INSPECTION COMMITMENT CERTIFICATE
PLUMBING DESIGN REQUIREMENTS

PREAMBLE

Whereas the *Building Code Act*, RSNS 1989, Chapter 46, hereinafter referred to as the 'Act' applies to the construction or *demolition* of a *building*;

And Whereas the Minister of the Department of Environment and Labour has by regulation adopted the National *Building Code*, with amendments as the Nova Scotia *Building Code*, requiring compliance with it as adopted for the construction or *demolition* of *buildings*;

And Whereas *architects* and *professional engineers* are required by their respective statutes, *regulations*, and bylaws, to ensure the general public of competent standards and ethical conduct in the design of *buildings*;

And Whereas Part 2 of the Nova Scotia *Building Code* requires professionals to design *buildings* in conformance with the minimum standards of the Nova Scotia *Building Code* with sufficient drawings and documents to show how these standards have been met;

And Whereas Part 2 of the *Regulations* made pursuant to the Act, requires that these *buildings* be inspected at intervals appropriate to the stage of construction to determine general compliance with the design drawings accepted by the *authority having jurisdiction* and all revisions thereto;

To: _____
Authority Having Jurisdiction — Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

This is to advise that I am the *professional engineer* appointed by the *owner* or prime consultant to perform the Field Review of Construction for the PLUMBING DESIGN requirements.

I hereby certify for the Plumbing Design Requirements that

1) I will review the plumbing shop drawings to determine general compliance with the design documents, however, the party producing the shop drawings remains responsible for the design expressed therein;

2) I will coordinate the review of changes to the plumbing design documents to ensure that the applicable *professional engineer*(s) determines whether the changes conform to the *Code*; and

3) I will complete the Certification of *Field Review of Construction* and return it to the *authority having jurisdiction* prior to requesting the *occupancy permit.*

Please be advised that I may delegate some or all of my duties associated with the *Field Review of Construction* to another person employed by me or my firm where it is consistent with prudent professional practice to do so. The functions will however be performed under my supervision in accordance with the Engineering Profession Act.

The undersigned shall notify the *authority having jurisdiction*, in writing as soon as practical, but not later than 72 hours, if the contract for *Field Review of Construction* is terminated at any time during construction.

Print Name

Signature Initials Sample

Print Name of Firm or Company

Print Address

Print Municipality Postal Code

Telephone Fax e-mail

Affix below the seal of the licensed *Professional Engineer* in accordance with provincial legislation.

Schedule "A- 9"
CERTIFICATION OF *FIELD REVIEW OF CONSTRUCTION*

NOTE: This letter must be signed by a Licensed *Architect*, or *Professional Engineer* as appropriate in accordance with Provincial Legislation and must be submitted after completion of the project but before the *occupancy permit* is issued. A separate letter must be submitted by each *architect*, or *professional engineer* hired by the *owner* or prime consultant.

To: _____
Authority Having Jurisdiction Date

_____
Address

_____

_____

_____

Dear: _____
Authority Having Jurisdiction

Re: _____
Address of Project

_____
Name of Project

_____
Legal Description of Project

I hereby certify that I have fulfilled my obligations for Field Review of Construction as defined in the Letter of Undertaking and the Inspection Commitment Certificate, and advise that I have reviewed the work at intervals appropriate, to determine general compliance with the design and all revisions thereto as accepted by the *authority having jurisdiction* for the following disciplines which I have checked and initialled.

☐ Building Design
☐ Mechanical
☐ Fire Suppression System
☐ Structural
☐ Electrical
☐ Plumbing
☐ Geotechnical

_____
Print Name

_____ _____
Signature Initials Sample

Affix below the seal of the licensed *Architect*, or *Professional Engineer* as appropriate in accordance with provincial legislation.

_____
Print Name of Firm or Company

_____
Print Address

_____
Print Municipality Postal Code

_____
Telephone Fax e-mail

Schedule "B"
DESIGN DATA FOR SELECTED LOCATIONS IN NOVA SCOTIA

Location	Design Temperature				Degree - Days Below 18°C	15 Min. Rain mm	One Day Rain 1/50 mm	Ann Rain mm	Ann. Total Ppn. mm	Driving Rain Wind Pressures Pa 1/5	Ground Snow Load, kPa		Hourly Wind Pressures		Seismic Data				
	January		July 2.5%																
	2.5 % °C	1% °C	Dry °C	Wet °C							S_s	S_r	1/10 kPa	1/50 kPa	S_a (0.2)	S_a (0.5)	S_a (1.0)	S_a (2.0)	PGA
Amherst	-21	-24	27	21	4600	18	123	950	1150	220	2.4	0.5	0.41	0.58	0.24	0.13	0.062	0.018	0.14
Antigonish	-20	-23	27	21	4600	15	123	1100	1250	240	2.1	0.6	0.41	0.54	0.19	0.11	0.060	0.017	0.095
Baddeck	-18	-18	27	21	4545	13	-	-	-	-	-	-	0.45	-	-	-	-	-	-
Bedford	-16	-18	26	20	3880	15	-	-	-	-	-	-	0.40	-	-	-	-	-	-
Bridgewater	-15	-17	27	20	4250	15	144	1300	1475	260	1.9	0.6	0.41	0.59	0.23	0.13	0.069	0.019	0.12
Canso	-17	-19	25	20	4500	15	123	1325	1400	260	1.7	0.6	0.49	0.62	0.24	0.14	0.071	0.020	0.13
Dartmouth	-18	-18	26	20	4200	18	144	1250	1400	280	1.6	0.6	0.40	0.55	0.23	0.13	0.069	0.019	0.12
Debert	-22	-25	27	21	4600	18	118	1000	1200	240	2.1	0.6	0.39	0.58	0.23	0.12	0.062	0.017	0.12
Digby	-15	-17	25	20	4050	15	139	1100	1275	260	2.2	0.6	0.40	0.55	0.26	0.13	0.069	0..020	0.14
East Gore	-20	-22	27	21	4325	16	-	-	-	-	-	-	0.35	-	-	-	-	-	-
Elmsdale	-19	-21	27	21	4424	16	-	-	-	-	-	-	0.40	-	-	-	-	-	-
Enfield	-19	-21	27	21	4424	16	-	-	-	-	-	-	0.40	-	-	-	-	-	-
Greenwood	-17	-19	28	21	4300	15	123	925	1100	280	2.7	0.6	0.36	0.54	0.25	0.13	0.067	0.018	0.14
Halifax	-16	-18	26	20	4100	15	150	1350	1500	280	1.9	0.6	0.40	0.58	0.23	0.13	0.069	0.019	0.12
Kennetcook	-20	-22	27	21	4325	15	-	-	-	-	-	-	0.35	-	-	-	-	-	-
Kentville	-18	-20	28	21	4200	18	128	950	1200	260	2.4	0.6	0.36	0.54	0.24	0.13	0.067	0.018	0.14
Lantz	-19	-21	27	21	4424	16	-	-	-	-	-	-	0.40	-	-	-	-	-	-
Liverpool	-14	-16	27	20	4050	15	150	1325	1425	280	1.7	0.6	0.44	0.61	0.24	0.14	0.072	0.020	0.13
Lockeport	-14	-16	25	20	4100	15	139	1250	1450	280	1.4	0.6	0.44	0.60	0.26	0.14	0.074	0.021	0.14
Louisburg	-15	-17	26	20	4500	15	118	1300	1500	300	2.1	0.6	0.52	0.65	0.22	0.12	0.066	0.018	0.12
Lunenburg	-15	-17	26	20	4250	15	144	1300	1450	260	1.9	0.6	0.43	0.61	0.23	0.13	0.069	0.019	0.12
Maitland	-21	-23	26	22	4400	16	-	-	-	-	-	-	0.37	-	-	-	-	-	-
Milford Station	-20	-22	27	21	4500	16	-	-	-	-	-	-	0.38	-	-	-	-	-	-
Mount Uniacke	-19	-21	27	21	4610	17	-	-	-	-	-	-	0.42	-	-	-	-	-	-
New Glasgow	-21	-23	27	21	4450	15	107	975	1200	260	2.2	0.6	0.40	0.55	0.18	0.13	0.058	0.016	0.086
Noel	-20	-22	26	22	4400	15	-	-	-	-	-	-	0.37	-	-	-	-	-	-
North Sydney	-16	-18	27	21	4500	13	123	1200	1475	300	2.4	0.6	0.47	0.59	0.19	0.11	0.061	0.016	0.098
Pictou	-21	-24	27	21	4400	15	107	950	1175	260	2.2	0.6	0.40	0.55	0.18	0.11	0.057	0.016	0.084
Port	-19	-22	27	21	4400	15	128	1325	1450	260	2.1	0.6	0.59	0.74	0.21	0.12	0.064	0.018	0.11
Hawkesbury	-20	-22	27	21	4500	16	-	-	-	-	-	-	0.38	-	-	-	-	-	-
Shubenacadie	-20	-23	27	21	4600	16	123	1075	1175	220	3.1	0.6	0.39	0.56	0.24	0.13	0.063	0.018	0.14
Springhill	-21	-23	27	21	4400	18	128	1050	1250	240	1.8	0.6	0.39	0.55	0.22	0.12	0.065	0.018	0.12
Stewiacke	-16	-18	27	21	4650	13	123	1200	1475	300	2.3	0.6	0.47	0.59	0.20	0.12	0.062	0.017	0.10
Sydney	-21	-24	27	21	4500	18	118	875	1150	260	2.2	0.6	0.40	0.55	0.19	0.11	0.057	0.016	0.097
Tatamagouche	-21	-23	27	21	4650	18	123	1000	1175	240	2.0	0.6	0.37	0.53	0.21	0.12	0.062	0.017	0.12
Truro	-19	-21	26	22	4400	15	-	-	-	-	-	-	0.38	-	-	-	-	-	-
Walton	-19	-21	28	21	4200	18	123	975	1175	260	2.4	0.6	0.36	0.54	0.25	0.13	0.067	0.018	0.14
Wolfville	-13	-15	22	19	4100	13	150	1125	1260	280	1.8	0.6	0.41	0.56	0.23	0.13	0.068	0.018	0.12
Yarmouth																			
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

NOTE: As it is not practical to list values for all municipalities in Nova Scotia, recommended climatic design values for locations not listed, or where complete data was unavailable on the date of publication, can be obtained by writing to the Atmospheric Environment Service, Environment Canada, 4905 Dufferin Street, Downsview, Ontario M3H 5T4 or by contacting (416) 739-4365.

If a municipality has recent climatic values for additional locations that it wishes included in a subsequent amendment of this table, please send them to the Building Code Coordinator, Public Safety Division, Nova Scotia Environment and Labour, PO Box 697, Halifax, NS, B3J 2T8.

Seismic Values for those not listed may be obtained through the Natural Resources Canada Website at www.eathquakescanada.ca, or by writing to the Geological Survey of Canada, 7 Observatory Cresent Ottawa, ON, K1A 0Y3.

Schedule "C"
Barrier-Free Design

As amended by Article 3.1.1.5. of these regulations Section 3.8 Barrier-Free Design of the Code is replaced with the following:

Section 3.8 Barrier-Free Design

3.8.1. General [see Appendix Note 3.8.1.]

3.8.1.1. Application

(1) The requirements of this section apply to all *buildings*, except

(a) houses, including semi-detached, duplexes, triplexes, townhouses, row houses, boarding houses, and rooming houses,

(b) houses on their own lot, except as required by Sentence 3.8.1.1.(5), houses licensed under the *Tourist Accommodations Act* as *roofed accommodation*, for not more than 10 persons including the owner and the owner's family, r

(c) buildings of Group F, Division 1 major occupancy,

(d) buildings which are not intended to be occupied on a daily or full time basis, including automatic telephone exchanges, pumphouses, and substations, and

(e) industrial occupancies with an operation which is not adaptable to barrier-free.

(2) In *camping accommodation* where sleeping accommodations are provided, and in *roofed accommodation* one sleeping unit conforming to Article 3.8.3.17. shall be provided for every twenty (20) sleeping units or part thereof. r

(3) In *roofed accommodation*, when a fire alarm system is required by Subsection 3.2.4. (Part 3, Division B, Volume 1) or Subsection 9.10.18. (Part 9, Division B, Volume 1) NBC, at least one sleeping unit for every twenty (20) sleeping units or part thereof, other than those required in Sentence 3.8.1.1.(2), shall be provided with a warning system which shall conform to Article 3.2.4.19. Visual Signals(Part 3, Division B, Volume 1). r

(4) Every floor area to which a barrier-free path of travel is required to provide access, shall conform to Article 3.3.1.7. (Part 3, Division B, Volume 1). Protection on Floor Areas with a Barrier-Free Path of Travel r

(5) Where an alteration on the entrance level is made to a house, exempt by Clause 3.8.1.1.(1)(b), to add sleeping accommodation,

(a) one sleeping unit conforming to Article 3.8.3.17.,

r (b) an entrance conforming to Article 3.8.3.3.,

(c) barrier free path of travel conforming to Article 3.8.1.3., and

(d) one parking stall for each required sleeping unit under this sentence conforming with Sentence 3.8.2.2.(5)

shall be provided.

r **(6)** Except as exempt by 3.8.1.1.(1)(a), in residential occupancies of multiple suites, one unit conforming to Article 3.8.3.18. shall be provided for every twenty (20) units or part thereof. [see Appendix A-3.8.1.1.(6)]

3.8.1.2. Entrances [See Appendix A- 3.8.1.2.]

(1) In addition to the barrier-free entrances required by Sentence (2), not less than 50% of the pedestrian entrances of a building referred to in Sentence 3.8.1.1.(1) shall be barrier-free and shall lead from

a) the outdoors at sidewalk level, or

b) a ramp that conforms to Article 3.8.3.4. and leads from a sidewalk.

(2) A suite of assembly occupancy, business and personal services occupancy or mercantile occupancy that is located in the first storey of a building, or in a storey to which a barrier-free path of travel is provided, and that is completely separated from the remainder of the building so that there is no access to the remainder of the building, shall have at least one barrier-free entrance.

(3) A barrier-free entrance required by Sentences (1) or (2) shall be designed in accordance with Article 3.8.3.3.

(4) At a barrier-free entrance that includes more than one doorway, only one of the doorways is required to be designed in accordance with the requirements of Article 3.8.3.3.

(5) If a *walkway* or pedestrian bridge connects two *barrier-free storeys* in different buildings, the path of travel from one storey to the other storey by means of a *walkway* or bridge shall be barrier free.

(6) Where a principal entrance to a building of residential occupancy is equipped with a security door system,

(a) both visual and audible signals shall be used to indicate when the door lock is released, and r

(b) there are more than 20 suites a closed circuit visual monitoring system shall be provided capable of connection to individual suites.

(7) Where a house is required to conform to the requirements of sentence 3.8.1.1.(5) such house shall provide one barrier free entrance in conformance with sentence (1).

3.8.1.3. Barrier-Free Path of Travel [see Appendix A - 3.8.1.3.]

(1) Except as required elsewhere in this Part or as permitted by Article 3.8.3.3. for doorways, the unobstructed width of a *barrier-free* path of travel shall be not less than 920 mm.

(2) Interior and exterior walking surfaces that are within a barrier-free path of travel shall

(a) have no opening that will permit the passage of a sphere more than 13 mm diam,

(b) have any elongated openings oriented approximately perpendicular to the direction of travel,

(c) be stable, firm and slip-resistant,

(d) be bevelled at a maximum slope of 1 in 2 at changes in level not more than 13 mm, and

(e) be provided with sloped floors or ramps at changes in level more than 13 mm. r

(3) A barrier-free path of travel is permitted to include ramps, passenger elevators or other platform elevating devices to overcome a difference in level.

(4) The width of a barrier free path of travel that is more than 30 m long shall be increased to not less than 1500 mm for a length of 1500 mm at intervals not exceeding 30 m.

3.8.1.4. Storeys Served by Escalators

(1) In a *building* in which an escalator or inclined moving walk provides access to any floor level above or below the entrance floor level, an interior *barrier-free* path of travel shall be provided to that floor level. (See Appendix A, Division B, Volume 2) r

(2) The route from the escalator or inclined moving walk to the *barrier-free* path of travel from floor to floor required by Sentence (1) shall be clearly indicated by appropriate signs.

3.8.1.5. Controls

(1) Except as required by Sentence 3.8.1.5. (Part 3, Division B, Volume 1) for elevators, controls for the operation of *building* services or safety devices, including electrical switches, thermostats and intercom switches, intended to be operated by the occupant and located in or adjacent to a *barrier-free* path of travel shall be accessible to a person in a wheelchair, operable with one hand, and mounted between 400 mm and 1 200 mm above the floor.

3.8.2. Occupancy Requirements

3.8.2.1. Areas Requiring a Barrier-Free Path of Travel (See Appendix A-3.8.2.1.)

(1) Except as permitted by Sentence (2), a *barrier-free* path of travel from the entrances required by Sentences 3.8.1.2.(1) and (2) to be *barrier-free* shall be provided throughout and within all normally occupied *floor areas* of

(a) the entrance storey,

(b) each storey exceeding 600 m² in area, and

(c) each storey served by a passenger elevator, escalator, inclined moving walk, or other platform equipped passenger elevating device.

[See Article 3.3.1.7. Protection on Floor Areas with a Barrier-Free Path of Travel (Part 3, Division B, Volume 1) for additional requirements for floor areas above or below the first storey to which a barrier-free path of travel is required.]

(2) A barrier-free path of travel for persons in wheelchairs is not required

(a) to service rooms,

(b) to elevator machine rooms,

(c) to janitor's rooms,

(d) to service spaces,

(e) to crawl spaces,

(f) to attic or roof spaces,

(g) to floor levels not served by a passenger elevator, a platform equipped passenger elevating device, an escalator, or an inclined moving walk,

(h) to high hazard industrial occupancies,

(i) within portions of a floor area with fixed seats in an assembly occupancy where those portions are not part of the barrier-free path of travel to spaces designated for wheelchair use,

(j) within floor levels of a suite of residential occupancy that are not at the same level as the entry level to the suite,

(k) within a *suite* of *residential occupancy* not required by 3.8.1.1.(6) or

(j) within those parts of a floor area that are not at the same level as the entry level, provided amenities and uses provided on any raised or sunken level are accessible on the entry level by means of a barrier-free path of travel.

(3) In an assembly occupancy, the number of spaces designated for wheelchair use within rooms or areas with fixed seats shall conform to Table 3.8.2.1. (See also Article 3.8.3.6. for additional requirements.) r

Table 3.8.2.1. Designated Wheelchair Spaces r

Number of Fixed Seats in Seating Area	Number of Spaces Required for Wheelchairs
2 - 100	2
101 - 200	3
201 - 300	4
301 - 400	5
401 - 500	6
501 - 900	7
901 - 1 300	8
1 301 - 1 700	9
each increment of up to 400 seats in excess of 1 700	one additional space

4) A platform equipped passenger elevating device referred to in Sentence (1) shall conform to CSA B355, "Lifts for Persons with Physical Disabilities."

3.8.2.2. Access to Parking Areas

(1) If exterior parking is provided, a *barrier-free* path of travel shall be provided between the exterior parking area and a *barrier-free* entrance conforming to Article 3.8.1.2. (See Appendix A-3.8.1.2.)

(2) If a passenger elevator serves one or more indoor parking levels, a *barrier-free* path of travel shall be provided between at least one parking level and all other parts of the *building* required to be provided with *barrier-free* access in accordance with Article 3.8.2.1.

(3) If an exterior passenger loading zone is provided, it shall have
(a) an access aisle not less than 1 500 mm wide and 6 000 mm long adjacent and parallel to the vehicle pull-up space,
(b) a curb ramp conforming to 3.8.3.2(2), where there are curbs between the access aisle and the vehicle pull-up space, and
(c) a clear height not less than 2 750 mm at the pull-up space and along the vehicle access and egress routes.

(4) Where on-site parking is provided, parking stalls for use by disabled persons shall be provided
(a) as designated by Table 3.8.2.2.,
(b) one parking stall for disabled persons shall be provided for each viewing position required in assembly occupancies in Sentence 3.8.2.1.(3) or
(c) one parking stall for each barrier free residential suite. r

Table 3.8.2.2. Designated Parking Stalls

Number of Parking Stalls	Number of Designated Stalls Required for Wheelchairs
2 - 15	1
16 - 45	2
46 - 100	3
101 - 200	4
201 - 300	5
301 - 400	6
401 - 500	7
501 - 900	8
901 - 1 300	9
1 301 - 1 700	10
each increment of up to 400 stalls in excess of 1 700	one additional space

r

(5) Parking stalls for use by persons with physical disabilities shall

(a) be not less than 2 400 mm wide and provided on one side with an access aisle not less than 1 500 mm wide. (If more than one parking space is provided for persons with physical disabilities, a single access aisle can serve two adjacent parking stalls.) and if parallel parking stalls shall be not less than 7 000 mm long.

(b) have a firm, slip-resistant and level surface of asphalt, concrete or compacted gravel,

(c) be located close to an entrance required to conform to Article 3.8.1.3., but not exceeding 50 m,

(d) be clearly marked as being for the use of persons with physical disabilities, and

r (e) be identified by a sign located not less than 1 500 mm above ground level in conformance the Motor Vehicle Act of Nova Scotia, traffic sign` regulations.

3.8.2.3. Washrooms Required to be Barrier-Free

(1) Except as permitted by Sentence (2), a washroom in a storey to which a barrier-free path of travel is required in accordance with Article 3.8.2.1., shall be barrier-free in accordance with the appropriate requirements in Articles 3.8.3.8. to 3.8.3.12.

(2) A washroom need not conform to the requirements of Sentence (1) provided

r (a) it is located within a suite of residential occupancy, except where required by 3.8.1.1.(6), or

(b) other barrier-free washrooms are provided on the same floor area within 45 m.

(3) In a *building* in which water closets are required in accordance with Subsection 3.7.2., one or more *barrier-free* water closets shall be provided in the entrance *storey*, unless

(a) a *barrier-free* path of travel is provided to *barrier-free* water closets elsewhere in the building, or

(b) the water closets required by Subsection 3.7.2. are for *dwelling units* only.

(4) In any space containing 4 or more water closets at least one of the water closets shall conform to Articles 3.8.3.8. and 3.8.3.9. (See Appendix A.).

(5) Where *alterations* are made to existing buildings, a universal toilet room conforming to Article 3.8.3.12. is permitted to be provided in lieu of facilities for disabled persons in washrooms used by the general public.

3.8.3. Design Standards

3.8.3.1. Accessibility Signs

(1) Signs incorporating the international symbol of accessibility for persons with physical disabilities shall be installed to indicate the location of a barrier-free entrance. (See Appendix A.)

(2) A teletypewriter (TTY/TDD) phone, washroom, shower, elevator or parking space designed to be barrier-free shall be identified by a sign consisting of the international symbol of accessibility for persons with physical disabilities and by appropriate graphic or written directions to indicate clearly the type of facility available. (See Appendix A.)

(3) If a washroom is not designed to accommodate persons with physical disabilities in a storey to which a barrier-free path of travel is required, signs shall be provided to indicate the location of barrier-free facilities. (See Appendix A.)

(4) Signs incorporating the symbol of accessibility for persons with hearing disabilities shall be installed to indicate the location of facilities for persons with hearing disabilities. (See Appendix A.)

3.8.3.2. Exterior Walks

(1) Exterior walks that form part of a *barrier-free* path of travel shall
a) be not less than 1 100 mm wide, and
b) have a level area conforming to Clause 3.8.3.4.(1)(c) adjacent to each entrance doorway.

(2) A curb ramp shall have
a) a minimum width of 1200 mm
b) a maximum slope of 1 in 12
c) flared sides with a maximum slope of 1 in 10. [see Appendix Note A 3.8.3.2.]

3.8.3.3. Doorways and Doors

(1) Every doorway that is located in a barrier-free path of travel shall have a clear width not less than 800 mm when the door is in the open position. (See Appendix A, Division B, Volume 2 NBC)

(2) Door operating devices shall be of a design which does not require tight grasping and twisting of the wrist as the only means of operation. (See Appendix A, Division B, Volume 2 NBC)

(3) A threshold for a doorway referred to in sentences (1) or (2) shall not be more than 13 mm higher than the finished floor surface and shall be bevelled to facilitate the passage of wheelchairs.

(4) Except as permitted by Sentences (5) and (11), every door that provides a *barrier-free* path of travel through an entrance referred to in Article 3.8.1.2. shall be equipped with a power door operator if the entrance serves

(a) a hotel,

(b) a *building* containing a Group B, Division 2 *major occupancy*, or

(c) a *building* more than 500 m2 in *building area* containing an *assembly occupancy*, a *business and personal services occupancy* or a *mercantile occupancy*. (See Appendix A, Division B, Volume 2 NBC)

(5) The requirements of Sentence 3.8.3.3.(4) do not apply to an individual suite having an area less than 500 m^2 in a building having only suites of *assembly occupancy*, *business and personal services occupancy* or *mercantile occupancy* if the suite is completely separated from the remainder of the *building* so that there is no access to the remainder of the *building*.

(6) Except as permitted by Sentence 3.8.3.3.(7) and except for a door with a power door operator, a closer for a door in a barrier-free path of travel shall be designed to permit the door to open when the force applied to the handle, push plate or latch-releasing device is not more than

(a) 38 N in the case of an exterior door, or

(b) 22 N in the case of an interior door.

(7) Sentence 3.8.3.3.(6) does not apply to a door at the entrance to a dwelling unit, or where greater forces are required in order to close and latch the door against the prevailing difference in air pressure on opposite sides of the door. (See Appendix A, Division B, Volume 2)

(8) Except for a door at the entrance to a *dwelling unit*, a closer for an interior door in a barrier-free path of travel shall have a closing period of not less than 3 s measured from when the door is in an open position of 70° to the doorway, to when the door reaches a point 75 mm from the closed position, measured from the leading edge of the latch side of the door. (See Appendix A, Division B, Volume 2)

(9) Unless equipped for power door operation, a door in a *barrier-free* path of travel shall have a clear space on the latch side extending the height of the doorway and not less than

(a) 600 mm beyond the edge of the door opening if the door swings toward the approach side, and

(b) 300 mm beyond the edge of the door opening if the door swings away from the approach side. (See Appendix A, Division B, Volume 2 NBC)

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(10) A vestibule located in a barrier-free path of travel shall be arranged to allow the movement of wheelchairs between doors and shall provide a distance between 2 doors in series of not less than 1 200 mm plus the width of any door that swings into the space in the path of travel from one door to another.

(11) Only the active leaf in a multiple leaf door in a barrier-free path of travel need conform to the requirements of this Article. (See Appendix A, Division B, Volume 2 NBC)

(12) Except as provided in Clause 3.8.3.4.(1)(c), the floor surface on each side of a door in a *barrier-free* path of travel shall be level within a rectangular area

(a) as wide as the door plus the clearance on the latch side required by Sentence 3.8.3.3.(9), and

(b) whose dimension perpendicular to the closed door not less than the width of the *barrier-free* path of travel but need not exceed 1 500 mm.

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(13) The power door operator required by Sentence (4) shall function for passage in both directions through the door.

(14) Where a power door operator is required at least one leaf in each set of doors in the barrier free path of travel through a vestibule shall meet the requirements. [See Appendix A-3.8.3.3.(14)]

(15) Doorways in a path of travel to and into at least one bathroom within a suite of residential occupancy shall have a clear width of not less than 800 mm when the door is in the open position.

3.8.3.4. Ramps

(1) A ramp located in a barrier-free path of travel shall

(a) have a width not less than 870 mm between handrails,

(b) have a slope not more than 1 in 12 (See Appendix A, Division B, Volume 2 NBC),

(c) have a level area not less than 1 500 by 1 500 mm at the top and bottom and at intermediate levels of a ramp leading to a door, so that on the latch side the level area extends not less than

i) 600 mm beyond the edge of the door opening where the door opens towards the ramp, or

ii) 300 mm beyond the edge of the door opening where the door opens away from the ramp (See Appendix A, Division B, Volume 2 NBC),

(d) have a level area not less than 1 200 mm long and at least the same width as the ramp

i) at intervals not more than 9 m along its length, and

ii) where there is an abrupt change in the direction of the ramp, and

(e) except as permitted by Sentence (2), be equipped with handrails and guards conforming to Articles 3.4.6.4. and 3.4.6.5.

(2) The requirement for handrails in Clause 3.8.3.4.(1)(e) need not apply to a ramp serving as an aisle for fixed seating.

(3) Floors or walks in a barrier-free path of travel having a slope steeper than 1 in 20 shall be designed as ramps.

3.8.3.5. Spaces in Seating Area

(1) Spaces designated for wheelchair use referred to in Sentence 3.8.2.1.(3) shall be

a) clear and level, or level with removable seats,

b) not less than 900 mm wide and 1 525 mm long to permit a wheelchair to enter from a side approach and 1 220 mm long where the wheelchair enters from the front or rear of the space,

c) arranged so that at least 2 designated spaces are side by side,

d) located adjoining a barrier-free path of travel without infringing on egress from any row of seating or any aisle requirements, and

e) situated, as part of the designated seating plan, to provide a choice of viewing location and a clear view of the event taking place.

3.8.3.6. Assistive Listening Devices

(1) Except as permitted in Sentence (2), in *buildings* of *assembly occupancy*, all classrooms, auditoria, meeting rooms, churches or places of worship, and theatres with an area of more than 100 m^2, and all courtrooms shall be equipped with an assistive listening system encompassing the entire seating area.

(2) Where the assistive listening system required in Sentence (1) is an induction loop system, only half the seating area in the room need be encompassed.

3.8.3.7. Water Closet Stalls

(1) At least one water closet stall or enclosure in a room or space required by Article 3.8.2.3. to be *barrier-free* shall

(a) be not less than 1 500 mm wide by 1 500 mm deep,

(b) be equipped with a door which shall

(i) be capable of being latched from the inside,

(ii) provide a clear opening not less than 800 mm wide with the door in the open position,

(iii) swing outward, unless sufficient room is provided within the stall or enclosure to permit the door to be closed without interfering with the wheelchair (See Appendix A, Division B, Volume 2 NBC),

(iv) be provided on the inside with a door pull not less than 140 mm long located so that its midpoint is not less than 200 mm and not more than 300 mm from the hinged side of the door and not less than 900 mm and not more than 1 000 mm above the floor (See Appendix A, Division B, Volume 2 NBC), and

(v) be provided with a door pull on the outside, near the latch side of the door,

(c) have a water closet located so that its centre line is 460 mm from the wall with the grab bar and 1030 mm from any obstruction on the other side wall.

(d) be equipped with grab bars which shall

(i) be mounted horizontally on the side wall closest to the water closet and shall extend not less than 450 mm in both directions from the most forward point of the water closet (See Appendix A, Division B, Volume 2 NBC),

(ii) be mounted horizontally on the wall behind the water closet, extending not less than 600 mm and centred on the toilet bowl, if the water closet does not have an attached water tank,

(iii) be mounted not less than 840 mm and not more than 920 mm above the floor,

(iv) be installed to resist a load of not less than 1.3 kN applied vertically or horizontally,

(v) be not less than 30 mm and not more than 40 mm in diameter, and

(vi) have a clearance of not less than 35 mm and not more than 45 mm from the wall,

(e) be equipped with a coat hook mounted not more than 1 200 mm above the floor on a side wall and projecting not more than 50 mm from the wall, and

(f) have a clearance of not less than 1 700 mm between the outside of the stall face and the face of an in-swinging washroom door and 1 400 mm between the outside of the stall face and any wall-mounted fixture.

3.8.3.8. Water Closets

(1) A water closet for a person with physical disabilities shall

(a) be equipped with a seat located at not less than 400 mm and not more than 460 mm above the floor,

(b) be equipped with hand-operated flushing controls that are easily accessible to a wheelchair user or be automatically operable,

(c) be equipped with a seat lid or other back support, and

(d) not have a spring-actuated seat. (See Appendix A, Division B, Volume 2 NBC)

(e) be located so that its centre line is 460 mm from the wall with the grab bar and 1030 mm from any obstruction on the other side wall.

3.8.3.9. Urinals

(1) If urinals are provided in a barrier-free washroom, at least one urinal shall be

(a) wall mounted, with the rim located between 488 mm and 512 mm above the floor, or

(b) floor mounted, with the rim level with the finished floor.

(2) The urinal described in Sentence (1) shall have

(a) a clear width of approach of 800 mm centred on the urinal,

(b) no step in front, and

(c) installed on each side a vertically mounted grab bar that is not less than 300 mm long, with its centerline 1 000 mm above the floor, and located not more than 380 mm from the centerline of the urinal.

3.8.3.10. Lavatories

(1) A barrier-free washroom shall be provided with a lavatory which shall

(a) be located so that the distance between the centerline of the lavatory and the side wall is not less than 460 mm,

(b) have a rim height not more than 865 mm above the floor,

(c) have a clearance beneath the lavatory not less than

(i) 760 mm wide,

(ii) 735 mm high at the front edge,

(iii) 685 mm high at a point 205 mm back from the front edge, and

(iv) 230 mm high over the distance from a point 280 mm to a point 430 mm back from the front edge (See Appendix A, Division B, Volume 2 NBC),

(d) have insulated pipes where they would otherwise present a burn hazard (See Appendix A, Division B, Volume 2 NBC),

(e) have soap dispensers located close to the lavatory, not more than 1 200 mm above the floor, and accessible to persons in wheelchairs, and

(f) have towel dispensers or other hand drying equipment located not more than 1 200 mm above the floor in an area that is accessible to persons in wheelchairs.

(2) If mirrors are provided in a barrier-free washroom, at least one mirror shall be

(a) mounted with its bottom edge not more than 1 000 mm above the floor, or
(b) be inclined to the vertical to be usable by a person in a wheelchair.

3.8.3.11. Universal Toilet Room (See NBC 3.7.2. (Part 3, Division B Volume 1) and (Appendix A, Division B, Volume 2)
(1) A universal toilet room shall
(a) be served by a *barrier-free* path of travel,
(b) have a door capable of being locked from the inside and released from the outside in case of emergency and which has
(i) a graspable latch operating mechanism located not less than 900mm and not more than 1 000 mm above the floor,
(ii) on an outward swinging door, a door pull not less than 140 mm long located on the inside so that its midpoint is not less than 200 mm and not more than 300 mm from the hinged side of the door and not less than 900 mm and not more than 1 000 mm above the floor (see A-3.8.3.8.(1)(b)(iv) in Appendix A),and
(iii) on an outward swinging door, have a door closer, spring hinges or gravity hinges, so that the door closes automatically
(c) have one lavatory conforming to Article 3.8.3.11.,
(d) have one water closet conforming to the requirements of Article 3.8.3.9. located so that its centre line is 460 mm from the wall with the grab bar and 1030 mm from any obstruction on the other side wall.
(e) have grab bars conforming to Clause 3.8.3.8.(1)(d),
(f) have no internal dimension between walls less than 1 700 mm,
(g) have a coat hook conforming to Clause 3.8.3.8.(1)(e) and a shelf located not more than 1 200 mm above the floor,
(h) be designed to permit a wheelchair to back in alongside the water closet in the space referred to in Subclause (d), and
(i) be designed to permit a wheelchair to turn in an open space that has a diameter not less than 1 500 mm.

3.8.3.12. Showers and Bathtubs
(1) Except within a *suite* of *residential occupancy*, if showers are provided in a *building*, at least one shower stall in each group of showers shall be *barrier-free* and shall
(a) be not less than 1 500 mm wide and 900 mm deep,
(b) have a clear floor space at the entrance to the shower not less than 900 mm deep and the same width as the shower, except that fixtures are permitted to project into that space provided they do not restrict access to the shower (See Appendix A, Division B, Volume 2 NBC),
(c) have a slip-resistant floor surface,
(d) have a bevelled threshold not more than 13 mm higher than the finished floor,

(e) have a hinged seat that is not spring loaded, or a fixed seat that shall be
(i) not less than 450 mm wide and 400 mm deep,
(ii) mounted approximately 450 mm above the floor, and
(iii) designed to carry a minimum load of 1.3 kN,
(f) have a horizontal grab bar conforming to Subclauses 3.8.3.8.(1)(d)(iv), (v) and (vi) that shall be
(i) not less than 900 mm long,
(ii) mounted approximately 850 mm above the floor, and
(iii) located on the wall opposite the entrance to the shower so that not less than 300 mm of its length is at one side of the seat, (See Appendix A, Division B, Volume 2 NBC),
(g) have a pressure-equalizing or thermostatic mixing valve controlled by a lever or other device operable with a closed fist from the seated position,
(h) have a hand-held shower head with not less than 1 500 mm of flexible hose located so that it can be reached from the seated position and equipped with a support so that it can operate as a fixed shower head, and
(i) have fully recessed soap holders that can be reached from the seated position.

(2) If individual shower stalls are provided for use by residents and patients in buildings of Group B, Division 2 institutional occupancy shall conform to the requirements of Clauses (1)(a) to (i) except where
(a) common showers are provided in conformance with Clauses (1)(a) to (i), or
(b) common bath tubs equipped with hoist mechanisms to accommodate residents and patients are available.

(3) If a bathtub is installed in a *suite* of *residential occupancy* required to be *barrier-free*, it shall
(a) be located in a room complying with the dimensions of Sentence 3.8.3.12.(1),
(b) conform to Article 3.7.4.9.,
(c) be equipped with a hand-held shower head and controls conforming to Article 3.8.3.13. but with a hose 1 800 mm long, and
(d) have grab bars, instead of those required by Article 3.7.4.9., that are at least
(i) 1 200 mm long, located vertically at the end of the bathtub that is adjacent to the clear floor space, with the lower end between 180 mm and 280 mm above the bathtub rim, and
(ii) 1 200 mm long located horizontally along the length of the bathtub located 180 mm to 280 mm above the bathtub rim.

3.8.3.13. Counters

(1) Every counter more than 2 m long, at which the public is served, shall have at least one *barrier-free* section not less than 760 mm long centred over the knee space required by Sentence (3).

(2) A barrier-free counter surface shall be not more than 865 mm above the floor.

(3) Except as permitted by Sentence (4), knee space beneath each side of a *barrier-free* counter intended to be used as a work surface shall be not less than r

(a) 760 mm wide,
(b) 685 mm high, and
(c) 485 mm deep.

(4) A counter that is used in a cafeteria or one that performs a similar function in which movement takes place parallel to the counter need not have knee space underneath the counter.

3.8.3.14. Shelves or Counters for Telephones and TTY/TDD Telephone Services (See Appendix A, Division B, Volume 2 NBC)

(1) If built-in shelves or counters are provided for public telephones, they shall be level and shall

a) be not less than 305 mm deep, and
b) have, for each telephone provided, a clear space not less than 250 mm wide having no obstruction within 250 mm above the surface.

(2) The top surface of a section of the shelf or counter described in Sentence (1) serving at least one telephone shall be not more than 865 mm above the floor.

(3) If a wall-hung telephone is provided above the shelf or counter section described in Sentence (2), it shall be located so that the receiver and coin slot are not more than 1 200 mm above the floor.

(4) Where public telephones are provided, at least one telephone shall be provided with a variable volume control on the receiver.

(5) At least one built-in teletypewriter telephone (TTY/TDD) shall be provided and located in a publicly accessible location where

(a) four or more public access telephones are provided, including interior and exterior locations, or
(b) the building area exceeds 600 m² in a Group A, Group B, Group D, Group E occupancy, or in a hotel or motel, or r
(c) where a hotel or motel, is required by Sentence 3.8.1.1.(2) to provide a barrier free suite, or

r (d) where a Tourist Cabin is required by Sentence 3.8.1.1.(2) to provide barrier free suites, at least one built-in teletypewriter telephone (TTY/TDD) must be located in public location, or a portable unit available for use. (See Appendix A-3.8.3.15.(5)(d))

(6) Where public telephones are provided, at least one electrical receptacle shall be provided within 500 mm of one of the public telephones.

3.8.3.15. Drinking Fountains

(1) If drinking fountains are provided, at least one shall be barrier-free and shall
a) have a spout located near the front of the unit not more than 915 mm above the floor, and
b) be equipped with controls that are easily operable from a wheelchair using one hand with a force of not more than 22 N or be automatically operable.

3.8.3.16. Sleeping Units in roofed accommodation.

(1) Where sleeping units suites are required by Sentence 3.8.1.1.(2), they shall have
(a) sufficient space to provide a turning area of not less than 1 500 mm diameter on one side of a bed,
(b) sufficient space to provide clearance of not less than 900 mm to allow for functional use of units by persons in wheelchairs,
(c) an accessible balcony where balconies are provided,
(d) at least one closet that provides
  i) a minimum clear opening of 900 mm,
  ii) clothes hanger rods located at a height of 1 200 mm, and
  iii) at least one shelf located at a height of 1 370 mm,
(e) light switches, thermostats and other controls that are specifically provided for use by the occupant shall be mounted not more than 1 375 mm above the floor,
(f) electrical receptacles located between 455 mm and 550 mm above the finished floor,
(g) a GFI outlet located not more than 1 200 mm above the floor, and
(h) an accessible bathroom which shall be designed to provide manoeuvring space up to each type of fixture required to be usable by persons in a wheelchair conforming to the following:
  i) a floor space of not less than 3.7 m^2 with no dimension less than 1 700 mm when the door swings out and 4.0 m^2 with no dimension less than 1 800 mm when the door swings in,
  ii) fixtures located to provide maximum manoeuvrability for persons in wheelchairs,
  iii) have grab bars conforming to Clause 3.8.3.8.(1)(d),
  iv) have a coat hook conforming to Clause 3.8.3.8.(1)(e),
  v) a water closet conforming to Article 3.8.3.9.,
  vi) contain at least one lavatory conforming to Article 3.8.3.10,

(i) washroom accessories conforming to Clause 3.8.3.10.(1)(f), and
(j) a lock on the entrance door that is operable with one hand.

2) If a bathtub is installed in a *suite* of *residential occupancy* required to be *barrier-free*, at least one shall
(a) be located in a room complying with the dimensions of Sentence 3.8.3.12.(1),
(b) be equipped with a hand-held shower head and controls conforming to Article 3.8.3.13. but with a hose 1 800 mm long, and
(c) have grab bars, instead of those required by Article 3.7.4.9., that are at least
i) 1 200 mm long, located vertically at the end of the bathtub that is adjacent to the clear floor space, with the lower end between 180 mm and 280 mm above the bathtub rim, and
ii) 1 200 mm long located horizontally along the length of the bathtub located 180 mm to 280 mm above the bathtub rim.

3) If a shower is installed within a *suite* of *residential occupancy*, required to be barrier-free at least one shower stall shall be *barrier-free* and shall
a) be not less than 1 500 mm wide and 900 mm deep,
b) have a clear floor space at the entrance to the shower not less than 900 mm deep and the same width as the shower, except that fixtures are permitted to project into that space provided they do not restrict access to the shower (See Appendix A, Division B, Volume 2 NBC),
c) have a slip-resistant floor surface,
d) have a bevelled threshold not more than 13 mm higher than the finished floor,
e) have a hinged seat that is not springloaded or a fixed seat that shall be
i) not less than 450 mm wide and 400 mm deep,
ii) mounted approximately 450 mm above the floor, and
iii) designed to carry a minimum load of 1.3 kN,
f) have a horizontal grab bar conforming to Subclauses 3.8.3.8.(1)(d)(iv), (v) and (vi) that shall be
i) not less than 900 mm long,
ii) mounted approximately 850 mm above the floor, and
iii) located on the wall opposite the entrance to the shower so that not less than 300 mm of its length is at one side of the seat, (See Appendix A, Division B, Volume 2 NBC),
g) have a pressure-equalizing or thermostatic mixing valve controlled by a lever or other device operable with a closed fist from the seated position,
h) have a hand-held shower head with not less than 1 500 mm of flexible hose located so that it can be reached from the seated position and equipped with a support so that it can operate as a fixed shower head, and
i) have fully recessed soap holders that can be reached from the seated position.

3.8.3.17. Suites of Residential Occupancies Required to Be Barrier-Free

General

(1) Where one or more suites of residential occupancy are required by Sentence 3.8.1.1.(6) every required suite shall be served by

(a) entrances in accordance with Article 3.8.1.2.,

(b) barrier-free path of travel to, into, and throughout each required suite in accordance with Article 3.8.1.3.,

(c) an accessible balcony if required in accordance with NBC 3.3.1.7. 1.(c) Part 3, Division B Volume 1,

(d) Where a suite of residential occupancy is required by Sentence 3.8.1.1.(6), barrier free controls for the operation of *building* services or safety devices, including electrical switches, thermostats and intercom switches, shall be accessible to a person in a wheelchair, operable with one hand, and mounted not more than 1 200 mm above the floor and electrical receptacles shall be located between 400 mm and 550 mm above the finished floor, except as required by clause 3.8.3.17. (3)(f) (bathroom) and subclause 3.8.3.17.(4)(c)(v). (kitchen)

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Sleeping Area

(2) Where a suite of residential occupancy is required by Sentence 3.8.1.1.(6) to provide barrier free access it shall contain at least one sleeping area with

(a) a minimum floor area 12.25 m^2 ,

(b) a least one horizontal room dimension not less than 3.35 m, and

(c) at least one closet that provides

i) a minimum clear opening of 900 mm,

ii) clothes hanger rods located at a height of 1 200 mm, and

iii) at least one shelf located at a height of 1 370 mm.

Bathroom

(3) Where a suite of residential occupancy is required by Sentence 3.8.1.1.(6) to provide barrier free access, a minimum of one accessible bathroom shall be provided with:

(a) a floor space of not less than 3.7 m^2 with no dimension less than 1 700 mm when the door swings out and 4.0 m^2 with no dimension less than 1 800 mm when the door swings in,

(b) a water closet conforming to Article 3.8.3.9.,

(c) a lavatory conforming to Article 3.8.3.11.,

(d) where a shower is provided, it shall conform to Clauses 3.8.3.13.(1)(a) to (i),

(e) where a tub is provided, it shall conform to Clauses 3.8.3.13.(3)(a) to (d), and

(f) a GFI razor outlet located not more than 1 200 mm above the floor.

Kitchen

(4) Where a suite of residential occupancy is required by Sentence 3.8.1.1.(6) to provide barrier free access the kitchen shall have

(a) a minimum 1 200 mm clearance between counters and all opposing base cabinets, counter tops, appliances, or walls except in a U shape kitchen the minimum distance shall be 1 500 mm and

(b) a minimum clear floor space 750 mm x 1 200 mm shall be provided at each

(i) range

(ii) cooktop

(iii) oven

(iv) refrigerator/freezer

(v) dishwasher and

(vi) other major appliances

(c) a minimum of one work surface that is

(i) 750 mm wide x 600 mm deep,

(ii) 810 mm to 860 mm above the floor,

(iii) have a clear floor area 750 mm 1 200 mm which may extent 480 mm under the work surface,

(iv) have a knee space a minimum of 750 mm wide, 480 mm deep, and 680 high, and

(v) have a minimum of one electrical receptacle shall be located at the front or side of the work surface.

(d) base cabinets shall have a minimum toe space 150 mm dep and 230 mm high.

(e) sinks

(i) shall be mounted with the rim between 810 mm and 860 mm above the floor,

(ii) have a knee space a minimum of 750 mm wide, 250 mm deep, and a toe space 750 mm wide 230 deep and 230 mm high,

(iii) have a clear floor area 750 mm 1 200 mm which may extent 480 mm under the work surface,

(iv) have faucets with lever handles, and

(v) have insulated hot water and drain pipes where they may abut required clear space.

(f) upper cabinets shall have a minimum of one shelf not more than 1200 mm above the floor.

(g) storage cabinets doors and drawers they shall

(i) have a handles that is easily graspable, and

(ii) be mounted at the top of base cabinets and bottom of upper cabinets.

(h) all controls shall comply with Clause 3.8.3.17.(1)(d)except as required by subclause 3.8.3.17.(4)(c)(v).

Schedule "D"
ALTERNATE COMPLIANCE METHODS FOR EXISTING *BUILDINGS*

No.	*Code* Requirement	Alternate Compliance Method
1	***Fire Separations*** 3.1.3.1. (Part 3, Division B, Volume 1) and Table 3.1.3.1. (Part 3, Division B, Volume 1); 9.10.9. (Part 9, Division B, Volume 1) 2 h *fire separation* required between some major occupancies.	Except for F1 occupancies, 1 h *fire separation* is acceptable, if the *building* is fully *sprinklered*.
2	***Fire Separations*** 3.1.3. (Part 3, Division B, Volume 1) and Table 3.1.3.1. (Part 3, Division B, Volume 1); 9.10.9. (Part 9, Division B, Volume 1) 1 h *fire separation* required between some major occupancies.	½ h *fire separation* is acceptable if the *building* is fully *sprinklered*.
3	***Noncombustible Construction*** 3.1.5. (Part 3, Division B, Volume 1) and 9.10.6.1. (Part 9, Division B, Volume 1) All materials used in *noncombustible construction* must be *noncombustible* unless otherwise permitted	1. Roofs may be of *combustible construction* provided the *building* is fully *sprinklered*. 2. Up to 10% gross *floor area* to a maximum of 10% of any one *floor area* may be of *combustible construction* provided the *building* is fully *sprinklered*.
4	**Fire-resistance Rating** 3.1.7.1.(1) (Part 3, Division B, Volume 1); 9.10.3.1. (Part 9, Division B, Volume 1) Where a material, assembly of materials or structural member is required to have a *fire resistance rating* it shall be tested in accordance with CAN/ULC-S101.	A fire-resistance rating may also be used based on: 1. HUD No. 8 Guideline on Fire Ratings of Archaic Materials and Assemblies. 2. Fire Endurance of Protected Steel Columns and Beams, DBR Technical Paper No. 194. 3. Fire Endurance of Unit Masonry Walls, DBR Technical Paper No. 207. 4. Fire Endurance of Light-Framed and Miscellaneous Assemblies, DBR Technical Paper No. 222.
5	**Rating of Supporting Construction** 3.1.7.5. (Part 3, Division B, Volume 1); 9.10.8.3. (Part 9, Division B, Volume 1) Supporting assemblies to have *fire resistance rating* at least equivalent to that of the supported floor.	*Heavy timber* construction is permitted to have a *fire resistance rating* less than would be required by the *Code* provided the *building*: (a) is fully *sprinklered*, and (b) does not exceed 5 *storeys* in *building height*.

No.	*Code* Requirement	Alternate Compliance Method
6	**Continuity of *Fire Separations*** 3.1.8.3.(1) (Part 3, Division B, Volume 1) and (2); 9.10.9.2. (Part 9, Division B, Volume 1) *Fire separations* are required to be continuous above the ceiling space.	*Fire separations* are not required to be continuous above the ceiling space where: (a) the ceiling space is non-*combustible construction*, (b) both *fire compartments* are *sprinklered*, or (c) the ceiling has a minimum rating of 30 minutes.
7	**Wired Glass** 3.1.8.5.(1) (Part 3, Division B, Volume 1) and 3.1.8.14.(2, Part 3, Division B, Volume 1); 9.10.13.1. (Part 9, Division B, Volume 1) and 9.10.13.5. (Part 9, Division B, Volume 1) 6 mm wired glass in steel frame required in *fire separations*.	For fixed transoms or sidelights, 6 mm wired glass fixed to a wood frame of at least 50 mm thickness with steel stops is permitted in a required *fire separation*.
8	***Mezzanines*** 3.2.1.1.(3) to (6) (Part 3, Division B, Volume 1); 9.10.4.1. (Part 9, Division B, Volume 1) *Mezzanines* enclosing more than 10% above the horizontal plane are considered as *storey* in *building height*.	*Mezzanines* may enclose up to 20% above the horizontal plane and not be considered a *storey* in *building height* if the *building* is fully *sprinklered*.
9	***Building Height*** 3.2.2.21. to 3.2.2.84. (Part 3, Division B, Volume 1) *Noncombustible construction* required for *buildings* over 4 *storeys* in *building height*.	*Buildings* may be of *combustible construction* up to 5 *storeys* provided: (a) the *building* is fully *sprinklered*, (b) the *building* contains Group C, D, E, F2 or F3 occupancies, and (c) floor assemblies not required to exceed 1 h *fire separation* requirements may be of *heavy timber* construction.

No.	*Code* Requirement	Alternate Compliance Method
10	**Spatial Separation** 3.2.3. (Part 3, Division B, Volume 1); 9.10.14. (Part 9, Division B, Volume 1) The maximum area of *unprotected openings*.	The area of *unprotected opening* is not limited provided: (a) the exterior walls have a interior thermo barrier of 12.7 mm, thick gypsum board of lath, and plaster in good condition, (b) the *limiting distance* is a minimum 1 m, (c) the entire *building* has a supervised sprinkler system in conformance with Sentence 3.2.4.9.(2),(Part 3, Division B, Volume 1) and (d) the sprinkler system is connected to the fire department in conformance with Sentence 3.2.4.7.(4). (Part 3, Division B, Volume 1)
11	**Construction of *Exposing Building Face*** 3.2.3.7. (Part 3, Division B, Volume 1); 9.10.14.5. and 9.10.15.5. (Part 9, Division B, Volume 1) The *exposing building face* is required to have a *fire resistance rating* and/or be of *noncombustible construction*.	*Exposing building face* is not required to have a *fire resistance rating* if the *building* is fully *sprinklered*. Also, the *exposing building face* if not required to be of *noncombustible construction* if it is protected by an exterior sprinkler system conforming to NFPA 13 and has a thermo barrier as specified in No.10(a) of these compliance tables.
12	**Roof Covering Rating** 3.1.15.2. (Part 3, Division B, Volume 1) Class A, B or C roof covering in conformance with CAN/ULC-S107 required.	For existing roofs not covered by a Class A, B or C roofing a manually operated deluge system in accordance with NFPA 13 is permitted.

No.	*Code* Requirement	Alternate Compliance Method
13	**Interconnected Floor Space** 3.2.8. (Part 3, Division B, Volume 1); 9.10.1.2.(6) (Part 9, Division B, Volume 1) Openings that are not protected by shafts or *closures* shall be protected in conformance with section 3.2. (Part 3, Division B, Volume 1) or sentence 9.10.1.2.(6) (Part 9, Division B, Volume 1)	1. An open stair in *buildings* of maximum 3 *storeys* in *building height* need not comply with Subsection 3.2.8. (Part 3, Division B, Volume 1) provided; (a) it is not a required *exit* stair, (b) the *building* contains a Group C or D *occupancy*, (c) the *building* is fully *sprinklered* with fast response sprinklers, (d) corridors opening into the *interconnected floor space* are separated from the *interconnected floor space* by a *fire separation* with the rating required for the corridor, and (e) *smoke detectors* are installed in the rooms opening into the *interconnected floor space*.
14	**Separation of *Suites*** 3.3.1.1. (Part 3, Division B, Volume 1); 9.10.9.13. and 9.10.9.14. (Part 9, Division B, Volume 1), *Suites* are required to be separated from adjoining *suites* by 3/4 h or 1 h rated *fire separations*.	Existing ½ h *fire separations* are acceptable in fully *sprinklered buildings* not exceeding 5 *storeys* in *building height*.
15	**Corridor *Fire Separation*** 3.3.1.4. (Part 3, Division B, Volume 1); 9.10.9.15. (Part 9, Division B, Volume 1) *Public corridors* are required to be separated from the remainder of the *building* by a *fire separation* having a *fire resistance rating* of at least 3/4 h.	Existing corridors with ½ h *fire resistance ratings*, are acceptable in *residential occupancies* provided the *building*: (a) does not exceed 5 *storeys* in *building height*, and (b) is fully *sprinklered* with fast response sprinklers.
16	**Corridor Width** 3.3.1.9. and 3.4.3.1. (Part 3, Division B, Volume 1) ; 9.9.3.3. (Part 9, Division B, Volume 1) *Public corridors* and *exit* corridors are permitted to have a minimum width of 1 100 mm.	*Public corridors* and *exit* corridors are permitted with a minimum width of 800 mm provided: (a) the *occupant load* of the *building* is maximum 20 people, and (b) the *building* does not exceed 3 *storeys* in *building height*.

No.	*Code* Requirement	Alternate Compliance Method
17	**Door Swing** 3.3.1.11. and 3.4.6.11.(Part 3, Division B, Volume 1) ; 9.9.6.5. (Part 9, Division B, Volume 1) Doors required to swing in the direction of *exit* travel.	2nd egress door from a room is not required to swing in the direction of *exit* travel provided: (a) the *building* is fully *sprinklered* and the system is supervised in conformance with Sentence 3.2.4.9.(2), (Part 3, Division B, Volume 1) and (b) the *occupant load* of the *building* is maximum 100 people.
18	**Stairs, Ramps, Handrails and *Guards*** 3.3.1.14., 3.3.1.16., 3.3.1.18., 3.4.6.4 to 3.4.6.8. (Part 3, Division B, Volume 1); 9.8. (Part 9, Division B, Volume 1)	Existing conditions that do not comply fully with the requirements are permitted if they do not create a hazardous condition and are acceptable to the *authority having jurisdiction*.
19	**Transparent Doors and Panels** 3.3.1.19. (Part 3, Division B, Volume 1); 9.6.6.2. (Part 9, Division B, Volume 1) Glass in doors and sidelights are required to be protected by *guards* and to be safety glass.	Existing glass or transparent panels that do not comply fully with the requirements are permitted if sufficiently discernible or *guards* are provided in hazardous situations.
20	**Dead-end Corridors** 3.3.1.9.(7) (Part 3, Division B, Volume 1); 9.9.7.3. (Part 9, Division B, Volume 1) Dead-end corridors are permitted to a maximum length of 6 m.	1. Dead-end corridors are permitted to a maximum length of 10 m in Group C occupancies provided: (a) the *building* is fully *sprinklered* with fast response sprinklers, and (b) *smoke detectors* are installed in the corridor system. 2. Dead-end corridors are permitted to a maximum of 15 m in length in Group D, E, F2 and F3 occupancies provided: (a) the *building* is fully *sprinklered* with fast response sprinklers, and (b) *smoke detectors* are installed in the corridor system.

No.	*Code* Requirement	Alternate Compliance Method
21	**Exits** 3.4.2.1. (Part 3, Division B, Volume 1); 9.9.8.2. (Part 9, Division B, Volume 1) *Floor areas* shall be served by not fewer than 2 *exits* except as permitted by 3.4.2.1.(2) (Part 3, Division B, Volume 1).	*Floor areas* may be served by a single *exit* within the limits of 3.4.2.1.(2) (Part 3, Division B, Volume 1) provided: (a) the *building* does not exceed 3 *storeys* in *building height*, (b) the *building* is fully *sprinklered* with fast response sprinklers, and (c) the *building* contains an approved fire alarm system with *smoke detectors* located in accordance with sentence 3.2.4.11. (Part 3, Division B, Volume 1)
22	**Reduction of Exit Width** 3.4.3.4.(3) (Part 3, Division B, Volume 1); 9.9.6.1. (Part 9, Division B, Volume 1) Swinging doors in their swing shall not reduce the effective width of exit stairs and landings to less than 750 mm.	Existing swinging doors in their swing are permitted to reduce the effective width of *exit* stairs and landings to a minimum of 550 mm provided: (a) they serve Group C or D occupancies, (b) the *building* does not exceed 5 *storeys* in *building height*, and (c) the *building* is fully *sprinklered*.
23	***Fire Separation* of *Exits*** 3.4.4.1. (Part 3, Division B, Volume 1); 9.9.4. (Part 9, Division B, Volume 1) *Exits* are required to be separated from the remainder of the *floor area* by a *fire separation* having a fire-resistance rating of not less than 3/4 h.	1. Existing *fire separations* of ½ h, are acceptable provided the *building* is fully *sprinklered* with fast response sprinklers and does not exceed 3 *storeys* in *building height*. 2. *Buildings* not exceeding 5 *storeys* in *building height* may have *exits* that are separated by a 3/4 h *fire separation* provided the *building* is fully *sprinklered*.
24	**Exits Through Lobbies** 3.4.4.2. (Part 3, Division B, Volume 1); 9.9.8.5. (Part 9, Division B, Volume 1) Rooms adjacent to the lobby are required to be separated by a *fire separation*.	Rooms adjacent to the lobby are not required to be separated by a *fire separation* provided; (a) the *floor area* is *sprinklered* with fast response sprinklers, and (b) *smoke detectors* are installed in the adjacent rooms

No.	*Code* Requirement	Alternate Compliance Method
25	**Rooms Opening into an *Exit*** 3.4.4.4.(7) (Part 3, Division B, Volume 1); 9.9.5.9. (Part 9, Division B, Volume 1) *Service rooms* and ancillary rooms are not permitted to open directly into an exit.	*Service rooms* and ancillary rooms may open directly into an *exit* provided: (a) the *building* is fully *sprinklered*, (b) the room is *sprinklered* with fast response sprinklers, (c) the door assembly has a *fire protection rating* of at least 20 min., (d) the *building* does not exceed 3 *storeys* in *building height*, and (e) weatherstripping is installed on the door to prevent the passage of smoke.
26	**Illumination of Exit Signs** 3.4.5.1.(2) (Part 3, Division B, Volume 1); 9.9.10.5. (Part 9, Division B, Volume 1) Exit signs are required to be illuminated continuously while the *building* is occupied.	In provincial or municipal designated heritage *buildings* where exit signage may compromise historic appearances, or authenticity of displays, exit signs may be installed to light only on an emergency condition, such as by the fire alarm system or due to power failure.
27	**Clearance from *Exit* Doors** 3.4.6.10. (1) (Part 3, Division B, Volume 1); 9.9.6.6. (Part 9, Division B, Volume 1) Stair risers shall not be closer than 300 mm from an *exit* door.	Except as permitted in Sentences 3.4.6.10.(2) or 9.9.6.6.(2), existing *exit* doors shall not extend beyond the first riser.
28	**Fire Escapes** 3.4.7. (Part 3, Division B) (Volume 1); 9.9.2.1. (Part 9, Division B, Volume 1) Fire escapes are required to conform to Article 3.4.7. (Part 3, Division B, Volume 1).	Existing fire escapes that do not completely conform to Article 3.4.7.1. are acceptable provided: (a) they are acceptable to the *authority having jurisdiction* and (b) the *building* is fully *sprinklered*.
29	**Fire Escape Construction** 3.4.7.2. (Part 3, Division B, Volume 1).; 9.9.2.1. (Part 9, Division B, Volume 1).	Existing *combustible* fire escapes are permitted if the *building* is permitted to be of *combustible construction* by Part 3, (Part 3, Division B, Volume 1) Part 9 (Part 9, Division B, Volume 1) or by these Compliance Tables.

No.	*Code* Requirement	Alternate Compliance Method
30	**Protection of Fire Escapes** 3.4.7.4. (Part 3, Division B, Volume 1); 9.9.2.3. (Part 9, Division B, Volume 1) Openings in the exterior wall adjacent to the fire escape are required to be protected by *closures*.	Existing openings in the exterior wall adjacent to the fire escape are not required to be protected by *closures* provided: (a) the *building* is fully *sprinklered*, and (b) a sprinkler head is located within 1.5 m of the opening required to be protected by Article 3.4.7.4. (Part 3, Division B, Volume 1)
31	***Vertical Service Space*** 3.6.3.1. (Part 3, Division B, Volume 1) *Vertical service spaces* are required to be separated from the adjacent *floor area* by a rated *fire separation*.	Existing *vertical service spaces* that do not completely conform to the rated *fire separation* requirements are acceptable provided the *building* is fully *sprinklered*.
32	**Height and Area of Rooms** 3.7.1. (Part 3, Division B, Volume 1); 9.5. (Part 9, Division B, Volume 1) The height and area of rooms are required to comply to minimum dimension requirements.	Existing rooms are not required to comply to the minimum dimension requirements of Subsection 3.6.1. (Part 3, Division B, Volume 1) or Section 9.5. (Part 9, Division B, Volume 1)
33	**Window Areas** 9.7.1.2. (Part 9, Division B, Volume 1) Windows in *dwelling units* are required to comply to minimum dimensions.	Existing windows are not required to comply with the minimum dimensions of Article 9.7.1.2. (Part 9, Division B, Volume 1) r
34	**Washrooms Required to be Barrier-Free 3.8.2.3. (1)** NSBCR Except as permitted by Sentence (2), a washroom in a storey to which a barrier-free path of travel is required in accordance with Article 3.8.2.1., shall be barrier-free in accordance with the appropriate requirements in Articles 3.8.3.8. to 3.8.3.12. NSBCR	Except in *Assembly occupancies* and Group D *Business and personal services occupancies* intended to offer medical or therapeutic services, a barrier free washroom need not be provided in an existing building with a building area less than 120 m^2. r

No.	*Code* Requirement	Alternate Compliance Method
35	**Entrances** 3.8.1.2.(1) NSBCR (1) In addition to the barrier-free entrances required by Sentence (2), not less than 50% of the pedestrian entrances of a building referred to in Sentence 3.8.1.1.(1) shall be barrier-free and shall lead from a) the outdoors at sidewalk level, or b) a ramp that conforms to Article 3.8.3.4. and leads from a sidewalk.	Where an existing building has: (a) a building area less than 120 m^2, (1292 sq. ft.), and (b) the slope from the entrance level floor at the entrance door to a street or public way is greater than 1 in 10, and (c) no entrance is more than 1 m to the property line, and (d) no alternate access to an entrance from a street or public way is possible; (see appendix note No. 36) the owner may use a stair with (a) a maximum rise of 150 mm (6"), and (b) a minimum run of 280 mm (11"), and (c) tactile landings, and (d) contrasting colour nosings, and (c) and unobstructed width of 1 m.
36	**Mechanical Systems** Part 6 and Part 7.	Existing mechanical systems in *buildings* are not required to fully comply to the requirements of Parts 6 or 7 provided: (a) it is not an *unsafe condition* and (b) it is acceptable to the authority having jurisdiction.

Appendix A

Explanatory Material
for the
Nova Scotia Building Code Regulations
2006

This Appendix is included for explanatory purposes only and does not form part of the requirements. The bold-face reference numbers that introduce each item refer to the requirement in the Code.

Appendix notes which are contained in these regulations are noted as [see A-3.8.3.8. in Appendix A].

Throughout the regulation Appendix notes which are contained in the NBC 2005 are noted as [see A-3.8.3.8. in Appendix A - NBC 2005]

General Note: Appendix notes contained in the NBC 2005 edition apply to the Nova Scotia Building Code Regulation unless specifically deleted or replaced by this regulation.

A-1.4.1.12. Temporary *Building* or *Occupancy* This article allows the erection of a temporary building, or a temporary change of occupancy classification for a short term use of an existing building which may not fully comply to all requirements of the building code. However, any matter of life safety must be adequately addressed.

A -1.3.3.2.(2) Group C Residential Occupancies that exceed 300 m^2 This article requires sprinkler systems to be installed in Group C Residential Occupancies that exceed 300 m^2 which otherwise are considered to be Part 9 buildings and would be exempt under requirements of the National Building Code of Canada.

A - 2.7.3.2. Referenced Standards Designated under the following Acts and Regulations of the Province of Nova Scotia Standards are sometimes adopted under more than one Act or Regulation. To provide consistency in the adoption of standards the Nova Scotia Building Code recognizes the editions as adopted by those Acts and Regulations.

Where the Nova Scotia Building Code provides specific requirements that may be differ from those in a standard the Building Code prevails as per National Building Code of Canada

2.7.2.1. Priority of the National Building Code
(1) In the case of conflict between the provisions of this Code and those of a referenced document, the provisions of this Code shall govern.

Code users are advised that they should confirm which edition of a standard are in place under the following provincial acts and or regulations:

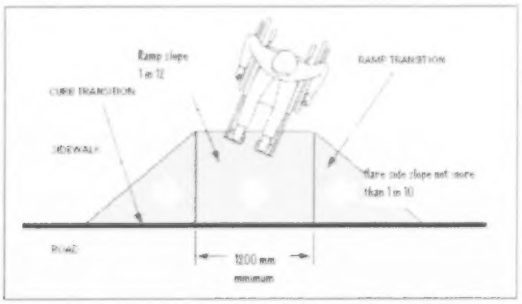
Elevators and Lifts Act and Regulations
CSA CAN/CSA-B44 Safety Code for Elevators
CSA B355 Lifts for Persons with Physical Disabilities
Fuel Safety Regulations
CGA CAN/CGA-B149.1 Natural Gas Installation Code
CGA CAN/CGA-B149.2 Propane Installation Code
CSA CAN/CSA-B139 Installation Code for Oil Burning Equipment
Electrical Installation and Inspection Act and Regulations
CSA C22.1 Canadian Electrical Code, Part 1
Boilers and Pressure Vessels Act and Regulations
CSA B51 Boiler, Pressure Vessel and Pressure Piping Code

A - 3.8.1. Barrier-Free Design General This is the first major re-write and update of the barrier free requirements first adopted 1986. The barrier free requirements, with few exceptions, apply to all buildings. The revised version, for example, continues to exempt a few occupancies such as houses and small residential buildings, not more than 3 units as it has in the past.

A - 3.8.1.1.(6). Residential Suites required to be barrier free. Where there are more than 3 residential suites in a building, 1 suite for every 20 suites, or part thereof, must conform to the requirements of 3.8.3.17. Suites of Residential Occupancies required to be Barrier Free.

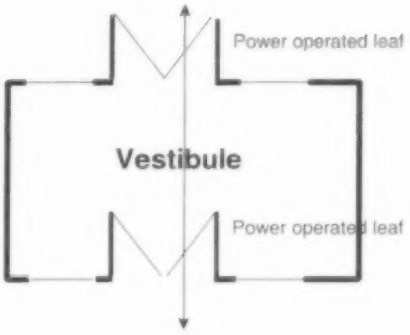
A - 3.8.2.1. Barrier free Path of Travel In the previous versions 3.8.2.1. Barrier Free Path of Travel included an extensive list where the path of required however it was not all inclusive, and lead to inconsistent application of the requirement. The intent of the *Code* is now emphasized to require the barrier free path of travel everywhere, with some few exceptions which are listed. For general guidance readers may refer to the NBC but are cautioned that Nova Scotia applies these concepts for employees as well as the general public. For example, the NBC comments that small raised office areas are not required to be barrier free in retail and industrial premises. In Nova Scotia the view is this would only be allowed if the there were a fully accessible office as well as a raised office to serve the same function.

A 3.8.3.2. Curb Ramp Curb ramps commonly referred to as curb cut. Curb ramps are required where there are curbs in the path of travel, typically from a passenger loading zone or designated parking area to a building.



Curb ramps shall have a minimum width of not less 1200 mm in areas measured across the ramp. The sides of the curb ramp shall be flared. The gradients of the curb ramp shall be 1 in 12 and the flared sides shall be not more than 1 in 10. Curb ramps should have a surface that is slip-resistant and colour- and texture contrasted with the adjacent surfaces.

A-3.8.3.3.(14) Power Door Operators in Vestibules Where a power door operator is required at least one leaf in each set of doors in the barrier free path of travel through a vestibule shall meet the requirements.



A-3.8.3.15.(5) (d) Provision of TTY Phones Cell phones with text messaging capabilities satisfies this requirement.

A - No. 35 Schedule "D" ALTERNATE COMPLIANCE METHODS FOR EXISTING BUILDINGS The code requires 50 per cent of all public entrances to have barrier free access. Typically small buildings may only have 1 or 2 entrances. *Public way* means a sidewalk, street, highway, square, or other open space to which the public has access, as of right or by invitation, expressed or implied. *Street* means any highway, road, boulevard, square or other improved thoroughfare 9 m or more in width, which has been dedicated or deeded for public use, and is accessible to fire department vehicles and equipment. The intent is to allow the use of a stair conforming to the alternate requirement for an existing building where no ramped or lift access is possible either at the front door or another door into the building. This would occur most frequently where a building sits on the lot line at the sidewalk, and there is no other door accessible from the public way.

The acceptance of an alternative barrier free path of travel to the entrance does not relieve any other barrier free requirement provisions of the Code. It is anticipated that even if the only access is by a stair, in compliance with the alternate compliance measure, the balance of the premises shall comply.